

SEQUENCE LISTING

<110> Wang, Tongtong
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 Mannion, Jane
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<120> COMPOSITIONS AND METHODS FOR ^{THE} THERAPY AND
 DIAGNOSIS OF LUNG CANCER

<130> 210121.478C10

<140> US

<141> 2000-08-29

<160> 1679

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tgccatttcc	tttctctgcc	cagtctgggg	ctggggtgcc	aggctggggc	atcgcgctgc	300
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 <213> Homo sapien

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 <213> Homo sapien

<400> 12
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<211> 424
<212> DNA
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 <212> DNA
 <213> Homo sapien

<400> 19	
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 <213> Homo sapien

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tgatgctgcc attgttgata tggttcctgg caagcccatg tgtgttgaga gcttctcaga	180
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 aatgaatth gctttcaaaa taaatgaaga gcag 634

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 aagactgaca cagataaaaa ggaattagac ccaaactcagt gaacaggaat gaaatagagg 180
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<210> 30

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<213> Homo sapien

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<211> 233

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<212> DNA

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<400> 33

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catgatggct	tcaggattcc	aaagagagtg	agagtagaag	ctgaaagact	tcttgagttc	180
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<400> 35						
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ttgatctccc	acacaaaaag	agaaaaataat	atztatatgg	aagtaatttt	attttagtgt	180
ttgtgattta	ttgtggagag	caggtgttta	aaaatttttag	aatttcttta	acaaaattct	240
aaagagaaaa	taaaaaagaa	atcacagtat	ttacagagat	aacagaatgg	cttagccatg	300
caaaacaaat	aacttttggt	tttccccttt	tactttgggt	taaatgttga	ccaagattca	360
attttttttc	ctgccaata	aaacttcaat	aaaagtttag	aggcaaaata	acgtattttc	420
tttttttccc	ataatatatt	atacagcatc	gagtcctaaga	atattttatg	cattt	475

<210> 37
 <211> 246
 <212> DNA
 <213> Homo sapien

<400> 37						
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ccaggcagcc	aggggctagg	acctcatgga	tcagcagcaa	gtccagcagg	ttgtagtcag	120
cgaaggagat	ctggctctccc	acaatgaagg	tcttgccctcc	ctggttctgg	gacagcaggg	180
tctcaaaagg	cttcagttgc	ccgggcagtg	ccttcacata	gtcatccttg	cccacctcat	240
agttgg						246

<210> 38
 <211> 512
 <212> DNA
 <213> Homo sapien

<400> 38
 gctggaagtg aaatgcagat cagacccatt gtgatgtcac agaaagatgg ggacaggcca 60
 aagaaaaaag tgactttcaa ctcttcttcc atcattttta tcatcaccag tgatgaatca 120
 ctgtcagttg acgacagcga caaaaccaat ggggtccaaag ttgatgtaat ccaagttcgt 180
 cctttgtagg aatgaagaat ggcaacgaaa gatggggcct taaattggat gccacttttg 240
 gactttcatc ataagaagtg tctggaatac ccgttctatg taatatcaac agaaccttgt 300
 ggtccagcag gaaatccgaa ttgcccatac gctcttgggc ctcaggaaga ggttgaacaa 360
 aaacaaattc ttttaattca acgggtgctt tacataatga aaaaaccact tgtggcacac 420
 gatgggcata taacatcatc atcttctaata gtgttgaggaga ttttcatttc aaatatattt 480
 tttaaattac tctattttcc aaaacacgta at 512

<210> 39
 <211> 370
 <212> DNA
 <213> Homo sapien

<400> 39
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 atgtactcga ctctgtccta tttagccttc ccatacctga cttctaatac cttttcctgg 120
 tgccctycca tctccctaac cccccctcac agggatgctt cctcccaagg ctccagaaac 180
 tctgaccctc gcaactgttg agggagccca tgaattgctg gtcaatatcg ctcacctct 240
 akactccatc ctgctgtgtc ttcttctac aagagctaga gaggcactga ctgataaata 300
 cctgtcacct gcccctttcc cagagggtga aactccacc actccactg cagaaatgaa 360
 tcttaaatgg 370

<210> 40
 <211> 204
 <212> DNA
 <213> Homo sapien

<400> 40
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 ggagcagagc agaccttggt tttagtgggt ccatgggata aaatgggatt ggaggagcta 120
 gaagaattca ggggtctggt caatctgcca gtcttctga aatatcgaaa atacaccagg 180
 gctgctatat cagagccacc ctgg 204

<210> 41
 <211> 447
 <212> DNA
 <213> Homo sapien

<400> 41
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 tcaagcaagc acttgacaag attccacagg ccatagagat tttcttctga gaagaatttg 120
 tgtttaattt tttgatacca aactgaaca ttcacagggt aactttcttg aagttcagct 180
 caagactacc ctacctgctg tgtttgtgag aagagtagga tcacacacac aggtgcaatc 240
 ttgaccacac ttacctgcaa gaggagtaac cagaggacac acttccttcc ttctttggtg 300
 tctgaggagt gtgaactgtt ggggtcagtt aagacccaac ataactctat cagaagaaaa 360

ctgttgtttg cctttcaacc ttgttttaca gttctgcagt gtagtggagg acgggcaacg 420
 tgcattgtgca ggctcaccac tcccagg 447

<210> 42
 <211> 498
 <212> DNA
 <213> Homo sapien

<400> 42
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 attagattct cattgcactg aactatatatt atatgcctaa gtatgtagaa gtaaaattat 120
 ataccccaaa aggattttat cttgttgtat atattaaatg ttattttctgc atatagggtc 180
 ttttatggag aaactgatga tgataagctt aatactcact tgttttagcag catctgaatg 240
 cacaaatgct ttatatatct cttctgcttt acagggcaaa agatcagact ctgttttctt 300
 atagtcttca caagccagcc agaactcaat attctcctca ctgaattcag actttaggaa 360
 acttccaaaag acattttgac cagtttggtt ggcaagaagt ttttccagag attgagacca 420
 ttgcattact tcagcagcag aaagtacatc cttggacttg gaagatttca ttccagattc 480
 cagatgtggg atcataga 498

<210> 43
 <211> 312
 <212> DNA
 <213> Homo sapien

<400> 43
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 gtgaagaaaa caagacacca aaggcaccac agaaagccaa acaagcattc cagagcctgc 180
 cagcaatttc tcaaacaatg tcagctaaga agctttgtct tgcttttgta ggagctctga 240
 gcgcccactc ttccaattaa acattctcag ccaagaagac agtgagcaca cctaccagac 300
 actcttcttc tc 312

<210> 44
 <211> 417
 <212> DNA
 <213> Homo sapien

<400> 44
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 ccttctcaag ccatgtctca gagctgagag gcatcccagc aagttttgca gctcacagtt 120
 ttttccgtaa attacttatt ctataaaatt ggagtaggcc ataaactttg gagggcccta 180
 gaccaatttt ttggattatt tttcgtcttc tatcattccg ctgatcttag atattctctg 240
 cattaaatat taaatatcac ttctaggctg aaaaaatcccc ctaaaaatat ttctagctca 300
 gatttttcct ccaaattctg caatagaaga tcacaatgtg aactctgcat ctccatgtta 360
 aagtctaattg gacattcaca cttagcatgt ctcaaagaaa tctcatgtaa accatgg 417

<210> 45
 <211> 494
 <212> DNA
 <213> Homo sapien

<400> 45
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 tgggtgcatg acacgtgtgt gtgtgtatgc gtgtaggagc tcacacttgt gtacacgttt 120

gtgtgcatgc	atgtgtgcag	gagcttgac	gtttgtggtg	ggtacatgta	catatgtgag	180
tgatcctgtg	tgcaagcccc	catgtggaca	tggctatgag	tgagcgtgga	gccaaaagcc	240
aggtaacacg	catgcagcag	gccactgtg	cgtgtctgag	acggctctgtg	gcagggactg	300
ggtgtgaatc	atgcagcagg	cccactgtgc	gtgtctgaga	cggctctgtg	cagggactgg	360
gtgtgaatca	gtgaccgtgt	ctctgaccaa	catgctgaat	tacaaattga	taatttatta	420
acctgtgcag	caacaaataa	gatttttcaa	aactcaacaa	agtgtctcaa	gttgacatta	480
cttgcttcaa	agtt					494

<210> 46
 <211> 516
 <212> DNA
 <213> Homo sapien

<400> 46						
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cttctattgc	taattttgtg	acctccaaag	ctttacttct	cggaacctcc	tcctttggcc	120
gtcatttgat	cattcaactc	tttgtcagtg	gcaactcccg	ctattttggt	gtgttggttt	180
gttactacac	agtgagcaca	aacatgggtg	tccaatacag	aggctcttcc	tgtcaggtgt	240
caaccagaaa	gttcatctaa	cactgtgata	tttgcatact	tcttgaacag	ttgttggtcg	300
aagattcatt	tgatgaatcg	atttttcaaa	agagatgatt	cttggttctt	ccgagcgtct	360
agctctcccg	ccgagcttct	ttgagacgtc	ctcaggtgtc	ctttgacgat	gcgtcctcca	420
ctttcacaca	ctctagcatt	ccttcaactg	ggcttctcatt	gccccacatt	gggcagccag	480
gaatgttggtg	gtgatcagac	acaacaccag	gtcatg			516

<210> 47
 <211> 459
 <212> DNA
 <213> Homo sapien

<400> 47						
ccaattcaga	gtggcattct	gcattttctgt	ggcttccaag	tcttagaacc	tcaactgaca	60
tatagcattg	ggcacactcc	agcagacgcc	cgaattcaaa	tcctggaagg	atggaagaaa	120
cgcttgagga	atattttgga	tgagacacca	ctgtattttg	ctccaagcag	cctctttgac	180
ctaaacttcc	aggcaggatt	cttaatgaaa	aaagaggtac	aggatgagga	gaaaaacaag	240
aaattttggc	tttctgtggg	ccatcacttg	ggcaagtcca	tcccaactga	caaccagatc	300
aaagctagaa	aatgagattc	cttagcctgg	atttccttct	aacatgttat	caaactctggg	360
tatctttcca	ggcttccctg	acttgcttta	gtttttaaga	tttgtgtttt	tctttttcca	420
caaggaataa	atgagagggg	atcgaksaaa	aaaaaaaaa			459

<210> 48
 <211> 430
 <212> DNA
 <213> Homo sapien

<400> 48						
cctatattca	gccacagcct	ctgggagtg	tgctgataat	cggagcttgg	aattaccctt	60
tcgtttctac	cattcagcca	ctgataggag	ccatcgctgc	aggaaatgct	gtgattataa	120
agccttctga	actgagtgaa	aatacagcca	agatcttggc	aaagcttctc	cctcagtatt	180
tagaccagga	tctctatatt	gttattaatg	gtgggtgtga	ggaaaccacg	gagctcctga	240
agcagcgatt	tgaccacatt	ttctatacgg	gaaacactgc	ggttggcaaa	attgtcatgg	300
aagctgctgc	caagcatctg	acccctgtga	ctcttgaaact	gggagggaaa	agtccatggt	360
atattgataa	agattgtgac	ctggacattg	tttgacagac	cataacctgg	ggaaaaataca	420
tgaattgtgg						430

<210> 49
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 49
 ccacccgaag caagattkca gatggcagtg tgaagagaga agacatatc tacacttcaa 60
 agctttggwg caattcccat cgaccagagt tggcccgacc agccttggaa aggtcactga 120
 aaaatcttca attggattat gttgacctct accttattca tttccagtg tctgtaaagc 180
 caggtgagga agtgcaccca aaagatgaaa atggaaaaat actatttgac acagtggatc 240
 tctgtgccac gtgggaggcc rtggagaagt gtaaagatgc aggattgg 288

<210> 50
 <211> 411
 <212> DNA
 <213> Homo sapien

<400> 50
 ccagagaatg acattcatgt ccccgaggat cccttgcaga gaggatcatg agccactgcc 60
 accagtgggtg atggaaagca ctgtcttctt actccggaag ggctcctttgt catacatggc 120
 agcgtaatgta taagcaaaact ctccatgaa cactcgtctca aaccagcctt tcagaatggc 180
 agggactcca aaccactgca gggggaaactg gaatatcaca aggtctgcgg cttccagctt 240
 cttttgttca gccacaatat ctgggctcag atggccttct ttataagcca gaacagactc 300
 ggcaggatag tgaaagtctg cagggtcctt cagtttacct gtgatgtcct ttctggaaat 360
 gatgggattg aagttcatgg catagaggtc cgactccacc acctcccatc c 411

<210> 51
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 51
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 ttgtgcaccc tccacaaaac atacaaagtt taaaagtttg gatctttttc tcagcaggta 120
 tcagttgtaa ataatagaatt agggggccaaa atgcaaaaacg aaaaatgaag cagctacatg 180
 tagttagtaa tttctagttt gaactgtaat tgaatattgt ggcttcatat gtattatattt 240
 atattgtact tttttcatta ttgatggttt ggactttaat aagagaaatt ccatagtttt 300
 taatatccca gaagtgcagc aatttgaaca gtgtattcta gaaaacaata cactaactga 360
 acagaagtga atgcttatat atattatgat agccttaaac ctttttcttc taatgcctta 420
 actgtcaaat aattataacc ttttaaagca taggactata gtcagcatgc tagactgaga 480
 ggtaaacact gatgcaatta aga 503

<210> 52
 <211> 503
 <212> DNA
 <213> Homo sapien

<400> 52
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 ttgtgcaccc tccacaaaac atacaaagtt taaaagtttg gatctttttc tcagcaggta 120
 tcagttgtaa ataatagaatt agggggccaaa atgcaaaaacg aaaaatgaag cagctacatg 180
 tagttagtaa tttctagttt gaactgtaat tgaatattgt ggcttcatat gtattatattt 240
 atattgtact tttttcatta ttgatggttt ggactttaat aagagaaatt ccatagtttt 300
 taatatccca gaagtgcagc aatttgaaca gtgtattcta gaaaacaata cactaactga 360

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<210> 53
<211> 531
<212> DNA
<213> Homo sapien
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<210> 54
<211> 450
<212> DNA
<213> Homo sapien
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<210> 55
<211> 648
<212> DNA
<213> Homo sapien
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<210> 56

<211> 536
 <212> DNA
 <213> Homo sapien

<400> 56
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 aaactataga actcttcatt gtcagcaaag caaagagtca ctgcatcaat gaaagttcaa 120
 gaacctcctg tacttaaaaca cgattcgcaa cgttctgtta tttttttgt atgttttagaa 180
 tgctgaaatg tttttgaagt taaataaaca gtattacatt tttaaaactc ttctctatta 240
 taacagtcaa tttctgactc acagcagtga acaaaccocc actccattgt atttgagac 300
 tggcctccct ataaatgtgg tagcttcttt tattactcag tggacctgcc cgggcggccg 360
 ctggaagccg aattccagca cactggcggc cgttactagt ggatccgagc tcggtacca 420
 gcttggccgt aatcatgggc atagctgttt cctgtgtgaa attgttatcc gctcacaatt 480
 ccacacaaca tacgagccgg aagcataaag tgtaaagcct ggggtgocct atgagt 536

<210> 57
 <211> 391
 <212> DNA
 <213> Homo sapien

<400> 57
 aggaactact gtcccagagc tgaggcaagg ggatttctca ggtcatttgg agaacaagtg 60
 ctttagtagt agtttaaaagt agtaactgct actgtattta gtggggtgga attcagaaga 120
 aatttgaaga ccagatcatg ggtggtctgc atgtgaatga gccggacagc 180
 ctggctgtca ttgctttctt cctccccatt tggacccttc tctgccctta catttttgtt 240
 tctccatcta ccaccatcca ccagtctatt tatttgtcta gttggatttc atttctctctg 300
 gaaaatttat tgttttattgg catgtgaccc ttgactgatg gcttcattag cattytgttt 360
 ttcttttttg atccttaata gaaaactcaa t 391

<210> 58
 <211> 455
 <212> DNA
 <213> Homo sapien

<400> 58
 gaagacatgc ttacttcccc ttcaccttcc ttcattgatg gggaagagtg ctgcaaccca 60
 gccctagcca acgccgcatg agagggagtg tgccgagggc ttctgagaag gtttctctca 120
 catctagaaa gaagcgctta agatgtggca gccctcttc ttcaagtggc tcttgcctg 180
 ttgcctggg agttctcaaa ttgctgcagc agcctccacc cagcctgagg atgacatcaa 240
 tacacagagg aagaagagtc aggaaaagat gagagaagtt acagactctc ctgggcgacc 300
 ccgagagctt accattcctc agacttcttc acatggtgct aacagatttg ttcctaaaag 360
 taaagctcta gaggcgtca aattggcaat agaagccggg ttccaccata ttgattctgc 420
 acatgtttac aataatgagg agcagggttg actgg 455

<210> 59
 <211> 398
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 59

ctcagaggca	gcgtgcgggt	gtgctctttg	tgaaattcca	ccatggcgta	ccgtggccag	60
ggtcagaaag	tgcagaaggt	tatggtgcag	cccatcaacc	tcattcttcag	atacttacia	120
aatagatcgc	ggattcaggt	gtggctctat	gagcaagtga	atatgcggat	agaaggctgt	180
atcattgggt	ttgatgagta	tatgaacctt	gtattagatg	atgcagaaga	gattcattct	240
aaaacaaagt	caagaaaaca	actngntcgg	atcatgctaa	aaggagataa	tattactctg	300
ctacaaagtg	tctccaacta	gaaatgatca	atgaagttag	aaattggtga	gaaggataca	360
gtttgttttt	agatgtcctt	tgtccaatgt	gaacattt			398

<210> 60

<211> 532

<212> DNA

<213> Homo sapien

<400> 60

gaattctgag	acctggggca	cccgggcctt	tgcggcagct	actggcaggg	cctggccacc	60
tcataggact	cagttccctt	ctgaacactc	gggggacatg	ggcctctaac	tgccactctt	120
gatatgcctg	ggtgagccta	ggagggaagg	ctctgatttg	gattttctcca	gtcaaagctc	180
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cgagcagttt	gggaacccag	tttcttgtcc	tgggcccctc	ggtcagcctg	gctgaattag	300
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agagcgagca	ggaaaagagg	tcttggagcc	tgggactgat	ggtggataag	gcctggaaaag	480
aasatgacsa	ggaggaggag	agaggggaagt	gggtggatga	ggagcaggct	ga	532

<210> 61

<211> 466

<212> DNA

<213> Homo sapien

<400> 61

gcgacggcga	cgtctctttt	gactaaaaga	cagtgtccag	tgctccagcc	taggagtcta	60
cggggaccgc	ctcccgccgc	gccaccatgc	ccaacttctc	tggcaactgg	aaaatcatcc	120
gatcgaaaaa	cttcgaggaa	ttgctcaaaag	tgctgggggt	gaatgtgatg	ctgaggaaga	180
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ataaaatggg	ctgtgagcag	aagctcctga	agggagaggg	ccccaagacc	tcgtggacca	420
gagaactgac	caacgatggg	gaactgatcc	tgaccatgac	ggcgga		466

<210> 62

<211> 548

<212> DNA

<213> Homo sapien

<400> 62

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acataccaca	agagaagtta	atttcttaac	attgtgttct	atgattattt	gtaagacctt	120
caccaagttc	tgatatcttt	taaagacata	gttcaaaatt	gcttttgaaa	atctgtattc	180
ttgaaaatat	ccttgttgtg	tattaggttt	ttaaatacca	gctaaaggat	tacctacttg	240
agtcatcagt	accctcctat	tcagctcccc	aagatgatgt	gtttttgctt	accctaagag	300
aggttttctt	cttattttta	gataattcaa	gtgcttagat	aaattatgtt	ttctttaagt	360
gtttatggta	aactctttta	aagaaaattt	aatatgttat	agctgaatct	ttttggtaac	420
tttaaatctt	tatcatagac	tctgtacata	tgttcaaaatt	agctgcttgc	ctgatgtgtg	480

tatcatcggt gggatgacag aacaaacata tttatgatca tgaataatgt gctttgtaaa 540
aagatttc 548

<210> 63
<211> 547
<212> DNA
<213> Homo sapien

<400> 63
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cctatgtaag gccatgtgcc ccttgcccta acaactcact gcagtgcctt tcatagacac 120
atcttgacgc atttttctta aggcctatgt tcagtttttc tttgtaagcc atcacaagcc 180
atagtggtag gtttgccctt tggtagagaa ggtgagttta agctgggtgga aaaggcttat 240
tgcattgcat tcagagtaac ctgtgtgcat actctagaag agtagggaaa ataatgcttg 300
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aattttttta cagtatgttt tattaccttt tgatatctgt tgttgcaatg ttagtgatgt 420
tttaaaatgt gatcgaaaat ataatgcttc taagaaggaa cagtagtgga atgaatgtct 480
aaaagatctt tatgtgttta tggctctgcag aaggattttt gtgatgaaag gggatttttt 540
gaaaaat 547

<210> 64
<211> 528
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 64
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srccatggac cccgctcgcc csctggggmt gtygatckctg ctgcttttcc tgrckgaggc 120
tgcactgggc gatgctgac argagccaac aggaaataac rcggagatct gkctcctgcc 180
cctagactac kgaccctgcc kggccctact tytccgytac tactacgaca ggyacacgca 240
gagctgccgc cwgttccctgk rckggggctg crasggcaac rccaacwatt yctacacckg 300
kgaggmttrc gackatgctw gstggargat agaaaaagtt cccaaasttt gccggctgma 360
agtgaatgag gacnaccagg gtgaggggta cacagataag tatttcttta atctaakkwc 420
catgacatgw gaaaaattct ttncgggtgg gngtcaccgg accggattga gaacangttt 480
gcagatgang ctactgggat gggctcctgc rcacnaaaga aantatca 528

<210> 65
<211> 547
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 65
kgaatgaasa acgaacgctg gaagtagaaa tagagcctgg ggtgagagac ggcatggagt 60
acccttttat tggagaaggt gagcctcacg tggatgggga gcctggagat ttacggttcc 120

005280" E95T5960

gaatcaaagt	tgtcaagcac	ccaatatttg	aaaggagagg	agatgatttg	tacacaaatg	180
tgacagtctc	attagttgag	tcactgggtg	gctttgagat	ggatattact	cacttggaatg	240
gtcacaaggt	acatatttcc	cgggataaga	tcaccaggcc	aggagcgaag	ctatggaaga	300
aaggggaagg	gctccccaac	tttgacaaca	acaatatcaa	gggctctttg	ataatcactt	360
ttgatgtgga	ttttccaaaa	gaacagttaa	cagaggaagc	gagagaangt	atcaaacagc	420
tactgaaaca	agggtcagtg	cagaaggtat	acaatggact	gcaaggatat	tgagagtga	480
taaaattgga	ctttgtttta	aataaagtga	ataagcgata	tttattatct	gcaaggtttt	540
ttttgtg						547

<210> 66

<211> 535

<212> DNA

<213> Homo sapien

<400> 66

ggggagggtct	acgcttctag	agcttgagcc	agcggggcga	ccctgcagtg	gcaggactcg	60
gcaccgcgcc	ctccaccgcc	ggttgggtggc	ctgcgtgaca	gtttcctccc	gtcgacatcg	120
aaaggaagcc	ggacgtgggc	gggcagagag	cttcacogca	gtaggaatgg	cagccccatc	180
tatgaaggaa	agacaggtct	gctgggggggc	cgggatgag	tactggaagt	gtttagatga	240
gaacttagag	gatgcttctc	aatgcaagaa	gttaagaagc	tctttcgaat	caagttgtcc	300
ccaacagtg	ataaaatatt	ttgataaaag	aagagactac	ttaaaattca	aagaaaaatt	360
tgaagcagga	caatttgagc	cttcagaaac	aactgcaaaa	tcctaggctg	ttcataaaga	420
ttgaaagtat	tctttctgga	cattgaaaaa	gctccactga	ctatggaaca	gtaatagttt	480
gaatcatagt	gaacatcaat	acttgttccc	tatatacgac	acttgataat	taaga	535

<210> 67

<211> 527

<212> DNA

<213> Homo sapien

<400> 67

atttctgcca	cttaattcaa	acagtcatat	gcaggctcgt	taattttattt	gtgcttttgt	60
ttcatcttct	acaaggccct	cttagctcta	aaacttgaca	gtggaataag	gaaatgtttt	120
tccaaatctg	cattgccggg	gagatcctca	acatcagcat	gttgagatgg	acctcaaccc	180
cacctctaac	cctgaaacac	actactcgat	attatcttag	gtatgtttta	gggttttagtt	240
tgtaaaataa	taattttattt	ttgaaggaaa	tataaaatat	taaagagtaa	taatagctat	300
cattttttta	gattcaatct	aaaacaatgg	actctttttt	tttccatttg	tgatgtagat	360
aagcaagaca	attttgatca	tgagtgggtga	aaagaggatc	aaacttgact	attcttgcaa	420
tggcagtcca	gcaacaagcc	tttcattttac	attaaattat	aacttttcat	tcatttcctaa	480
accaaactta	aaattctgct	ttcctttgag	tagaagggtat	ttaactt		527

<210> 68

<211> 431

<212> DNA

<213> Homo sapien

<400> 68

gggaaacttc	atgggtttcc	tcatctgtca	tgctgatgat	tatatatgga	tacatttaca	60
aaaataaaaa	gcgggaattt	tcccttcgct	tgaatattat	ccctgtatat	tgcatgaatg	120
agagatttcc	catatttcca	tcagagtaat	aaatatactt	gctttaattc	ttaagcataa	180
gtaaacatga	tataaaaata	tatgctgaat	tacttggtgaa	gaatgcattt	aaagctattt	240
taaatgtgtt	tttatttgta	agacattact	tattaagaaa	ttgggttatta	tgcttactgt	300
tctaactctg	tggtaaaggt	attcttaaga	atttgcaggt	actacagatt	ttcaaaactg	360
aatgagagaa	aattgtataa	ccatcctgct	gwtcccttag	tgcaatacaa	taaaactctg	420

aaattaaaac t

431

<210> 69
 <211> 399
 <212> DNA
 <213> Homo sapien

<400> 69
 gacacggcgg acacacacaa acacagaacc acacagccag tcccaggagc ccagtaatgg 60
 agagccccc aaagaagaac cagcagctga aagtcgggat cctacacctg ggcagcagac 120
 agaagaagat caggatacag ctgagatccc agtgcgcgac atggaagggt atctgcaaga 180
 gctgcatcag tcaaacaccg gggataaate tggatttggg ttccggcgct aagggtgaaga 240
 taatacctaa agaggaacac tgtaaaatgc cagaagcagg tgaagagcaa ccacaagttt 300
 aaatgaagac aagctgaaac aacgcaagct ggttttatat tagatatattg acttaaacta 360
 tctcaataaa gttttgcagc tttcaccaar aaaaaaaaa 399

<210> 70
 <211> 479
 <212> DNA
 <213> Homo sapien

<400> 70
 cgcggcggag ctgtgagccg gcgactcggg tccctgaggt ctggattctt tctccgctac 60
 tgagacacgg cggacacaca caaacacaga accacacagc cagtcccagg agcccagtaa 120
 tggagagccc caaaaagaag aaccagcagc tgaaagtcgg gatcctacac ctgggcagca 180
 gacagaagaa gatcaggata cagctgagat cccagggtgct gggaaggga atgcgcgaca 240
 tggaaaggta tctgcaagag ctgcatcagt caaacaccgg ggataaatct ggatttgggt 300
 tccggcgtca aggtgaagat aatacctaaa gaggaacact gtaaaatgcc agaagcaggt 360
 gaagagcaac cacaagttta aatgaagaca agctgaaaca acgcaagctg gttttatatt 420
 aggatatttg acttaaacta tctcaataaa gttttgcagc tttcaccaaa aaaaaaaaa 479

<210> 71
 <211> 437
 <212> DNA
 <213> Homo sapien

<400> 71
 ctcagcggct gccaacagat catgagccat cagctcctct ggggccagct ataggacaac 60
 agaactctca ccaaaggacc agacacagtg rgcaccatgg gacagtgtcg gtcagccaac 120
 gcagaggatg ctcaggaatt cagtgatgtg gagagggcca ttgagaccct catcaagaac 180
 tttcaccagt actccgtgga ggggtgggaag gagacgctga ccccttctga gctacggggac 240
 ctgggtcacc agcagctgcc ccatctcatg ccgagcaact gtggcctgga agagaaaatt 300
 gccaacctgg gcagctgcaa tgactctaaa ctggagttca ggagtttctg ggagctgatt 360
 ggagaagcgg ccaagagtgt gaagctggag aggcctgtcc gggggcactg agaactccct 420
 ctggaattct tggggggg 437

<210> 72
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 72
 ggatgggtata ctgtaaattc agcatatgga gataccatta tcataccttg ccgacttgac 60
 gtacctcaga atctcatgtt tggcaaatgg aaatatgaaa agcccgatgg ctccccagta 120

0969153-08900

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<210> 73
<211> 916
<212> DNA
<213> Homo sapien
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```
<210> 74
<211> 547
<212> DNA
<213> Homo sapien
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```
<210> 75
<211> 793
<212> DNA
<213> Homo sapien
```

<400> 75

tgaggaagtt	gcaagccaac	aaaaaagttc	aaggatctag	aagacgatta	aggggaaggtc	60
gttctcagtg	aaaatccaaa	aaccagaaaa	aaatgtttat	acaaccctaa	gtcaataacc	120
tgaccttaga	aaattgtgag	agccaagttg	acttcaggaa	ctgaaacatc	agcacaaga	180
agcaatcatc	aaataattct	gaacacaaat	ttaatatattt	tttttctgaa	tgagaaacat	240
gagggaaatt	gtggagttag	cctcctgtgg	agttagcctc	ctgtggtaaa	ggaattgaag	300
aaaatataac	accttacacc	ctttttcatc	ttgacattaa	aagttctggc	taactttgga	360
atccattaga	gaaaaatcct	tgtcaccaga	ttcattacaa	ttcaaatacg	agagttgtga	420
actgttatcc	atctgaaaag	accgagcctt	gtatgtatgt	tatggataca	taaaatgcac	480
gcaagccatt	atctctccat	gggaagctaa	gttataaaaa	taggtgcttg	gtgtacaaaa	540
ctttttatat	caaaaggctt	tgcacatttc	tatatgagtg	ggtttactgg	taaattatgt	600
tattttttac	aactaatttt	gtactctcag	aatgtttgtc	atatgcttct	tgcaatgcat	660
attttttaat	ctcaaacgtt	tcaataaaac	catttttcag	atataaagag	aattacttca	720
rattgagtaa	ttcagaaaaa	ctcaagattt	aagttaaaaa	gtggtttgga	cttggaaca	780
ggactttata	cct					793

<210> 76
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 76

accttgact	attccccctca	gtccatctat	cgaggtcttt	gcaggaagca	tactgggaat	60
tgaacgaga	gcctaaatga	catctaagaa	aggcagtggt	caataaccagg	tattaggtga	120
ggatgggatt	ctaaggacat	cagtgggagg	cagggagcca	ccttcagacc	tcagcatgga	180
agctttccaag	atccagagga	agaggcaaca	gcactgagag	tcataggtag	aagaatcatc	240
acagccctgc	taaccaggca	gctgatgccc	ctctccccctg	gctccctgtg	tccaaatcct	300
acaggggcat	ctgtttggctg	aactcaacct	gaagccaaag	agaagatgag	tggagagagg	360
caacatttat	agagctcagg	tttctagggc	tggagaggga	tctggaggga	cacacaggag	420
acacctggca	taacccaaaaa	atgattaaaa	aaaaaaaaaaa	a		461

<210> 77
 <211> 642
 <212> DNA
 <213> Homo sapien

<400> 77

ggttgacga	aacacactgg	ggaatggagc	aaaacagtct	ttgaatatcg	aacacgcaag	60
gctgtgagac	tacctattgt	agatattgca	ccctatgaca	ttggtggtcc	tgatcaagaa	120
tttggtgtgg	acgttggccc	tgtttgcttt	ttataaaacca	aactctatct	gaaatcccaa	180
caaaaaaaat	ttaactccat	atgtgttcct	cttgttctaa	tcttgtcaac	cagtgcaggt	240
gaccgacaaa	attccagtta	tttatttcca	aaatgttttg	aaacagtata	atltgacaaa	300
gaaaaatgat	acttctcttt	ttttgctgtt	ccaccaaaata	caattcaaat	gctttttggt	360
ttattttttt	accaattcca	atttcaaaat	gtctcaatgg	tgctataata	aataaacttc	420
aacactcttt	atgataacaa	aaaaaarawa	wattctttga	atcctagccc	atctgcagag	480
caatgactgt	gtcaccaggt	aaaagataac	ctttctttct	gaaatagtca	aatacgaaat	540
tagaaaagcc	ctccctattt	taactacctc	aactggtcag	aaacacagat	tgtattctat	600
gagtcacaga	agatgaaaaa	aattttatac	gttgataaaa	ct		642

<210> 78
 <211> 519
 <212> DNA
 <213> Homo sapien

<400> 78

gcagaagaag	aagcggacct	tccgcaagtt	cacctaccgc	ggcgtggacc	tcgaccagct	60
gctggacatg	tcctacgagc	agctgatgca	gctgtacagt	gcgcgccagc	ggcggcggct	120
gaaccggggc	ctgcggcgga	agcagcactc	cctgctgaag	cgcctgcgca	aggccaagaa	180
ggagggcgccg	cccatggaga	agccggaagt	ggtgaagacg	cacctgcggg	acatgatcat	240
cctacccgag	atggtgggca	gcatgggtggg	cgtctacaac	ggcaagacct	tcaaccaggt	300
ggagatcaag	cccagatga	tcggccacta	cctgggcgag	ttctccatca	cctacaagcc	360
cgtaaagcat	ggcgggcccg	gcatcggggc	caccactcc	tcccgttca	tcctctcaa	420
gtaatggctc	agctaataaa	aggcgacat	gactccaaaa	aaaaaaaaa	aagggcggcc	480
gccaccgcg	gggagctcca	cttttgttcc	ctttaatga			519

<210> 79

<211> 526

<212> DNA

<213> Homo sapien

<400> 79

gtctggaggc	ggtgtcctct	ccgccctgtc	gggtcctgga	tgagtacgag	ttatggtcac	60
ggtcacagcc	tgatctctta	tgtgttcata	gccattcgct	ctcccatcag	aactgtttgt	120
cctgaatgtg	ttcctctagt	tctagaaaat	gaccactaat	ttaaaaaact	cggttgtgag	180
gtttgcccag	aggcacttgt	tccagaattt	cccctcctgc	ttcagccatg	tccttgtcac	240
ttggcattct	aagctaaagc	tttagcttcc	caattcgtga	tgtgctaggg	caagattcgg	300
gagctgttgc	cagcctcgtc	aaatatggaa	gagaaacaac	ctgcgggtcaa	aaggggagtga	360
tttgtttaagt	ggtgcgcgtc	tatctcataa	ctagatgtac	caaccaggga	agggccaagg	420
atggaaaggg	gtaacttttg	tgcttccaaa	gtagctaagc	agaagtgggg	gagcagttta	480
gccagatgat	ctttgattag	gcaaacattg	agtttttaaag	aggctg		526

<210> 80

<211> 281

<212> DNA

<213> Homo sapien

<400> 80

gttatattag	tgggtagtgt	aacattttat	ccaggttggg	gtgaggggag	atggccacag	60
tagcaagtgg	tgacactaaa	taccattttg	aaggctgatg	tgtatataca	tcattactgt	120
ccgtagcaat	gaaggataca	gtactgtgtt	gtgggtgagt	gttgctattg	cccagcatta	180
atatttgggt	gtgtatgttt	gaggctatga	aacacgcagg	agtgtttttg	tgctattaat	240
tttaagagaa	agcagctttt	tcttaaaatt	cactgtttgag	a		281

<210> 81

<211> 405

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (405)

<223> n = A,T,C or G

<400> 81

gtgggtggga	gcgcgtgctg	ttgggagttg	cttgagggtt	ggcggcgcg	ggctgaaggc	60
tagcaaaccg	agcgatcatg	tcgcacaaac	aaatttacta	ttcggacaaa	tacgacsacg	120
aggagtttga	statcgacat	gtcatgctgc	ccaaggacat	akccaasctg	gtccctaaaa	180
cccatctgat	gtctgaatct	gaatggagga	atcttggcng	ttcagmagan	tcagggatgg	240

```
<210> 82
<211> 547
<212> DNA
<213> Homo sapien
```

```
<210> 83
<211> 529
<212> DNA
<213> Homo sapien
```

```
<210> 84
<211> 527
<212> DNA
<213> Homo sapien
```

<210> 85

<400> 85

```
<210> 86
<211> 547
<212> DNA
<213> Homo sapien
```

<400> 86

```
<210> 87
<211> 530
<212> DNA
<213> Homo sapien
```

<400> 87

```
<210> 88
<211> 529
<212> DNA
<213> Homo sapien
```

<400> 88

acctgagctca agaaggataa ttgtcttttg gtaactaggt ctacagggttt acattttttct 60
gtgtttact caaggataaa ggcaaaatca attttgtaat ttgttttagaa gccagaggttt 120

atcttttcta	taagtttaca	gcctttttct	tatatataca	gttattgcc	cctttgtgaa	180
catggcaagg	gactttttta	caatttttat	tttattttct	agtaccagcc	taggaattcg	240
gttagtactc	atttgtattc	actgtcactt	tttctcatgt	tctaattata	aatgaccaa	300
atcaagattg	ctcaaaagg	taaatgatag	ccacagtatt	gtccctaaa	atatgcataa	360
agtagaaatt	cactgccttc	ccctcctgtc	catgaccttg	ggcacagga	agttctgggtg	420
tcatagatat	cccgttttgt	gaggtagagc	tgtgcattaa	acttgacat	gactggaacg	480
aagtatgagt	gcaactcaaa	tgtgttgaag	atactgcagt	catttttgt		529

<210> 89

<211> 547

<212> DNA

<213> Homo sapien

<400> 89

gtttatatat	atagcgaata	aatctagttg	tataaatttt	taaatgccgt	cagtagaaag	60
cacacaagg	tatgattttt	ttaattactg	gctttctgatt	tctttcactt	ctgacccctt	120
tcctttttct	cagatgtagc	tgagtcttga	tcatttttaag	acaacgatgg	gtagaatttt	180
gagattaatg	ttatttttcc	ctttttgtta	atttcagctc	cctctcacta	tgcttttgct	240
cagaaggatc	aagaattcta	ccatcccttg	ggcttttggtg	tataaacaat	gttaaataaa	300
ggtagactca	gtctttaaga	tattagacag	tttttttagt	ccatgggatt	gtaaatataa	360
acattaactt	tcctataaga	atattttggc	tttgtaatct	atagccctcaa	attggtattt	420
attatggatt	cactagacaa	acagctgttt	ccttattgtc	ttttttcttt	agtgtttctg	480
atttgctatc	agtagctgtt	tttaaagcca	tccaaggaaa	ataattattt	acagtttttg	540
aagtcac						547

<210> 90

<211> 528

<212> DNA

<213> Homo sapien

<400> 90

gagcagcaga	agctgtacag	caagatgac	gtggggaacc	acaaggacag	gagccgctcc	60
tgagcctgcc	tcagctggc	tggggccacc	gtgcgggggtg	ccaacgggct	cagagctgga	120
gttgccgccc	ccgccccac	tgctgtgtcc	ttccagact	ccagggtccc	ccgggctgct	180
ctggatccca	ggactccggc	tttcgcccag	ccgcagcggg	atccctgtgc	acccggcgca	240
gcctaccctt	ggtgggtctaa	acggatgctg	ctgggtgttg	cgacccagga	cgagatgcct	300
tgtttctttt	acaataagtt	gttgaggaa	tgccattaaa	gtgaactccc	cacctttgca	360
cgctgtgcgg	gctgagtgg	tggggagatg	tggccatgg	cttgtgctag	agatggcggt	420
acaagagtct	gttatgcaag	cccgtgtgcc	agggatgtgc	tgggggcggc	caccgcctct	480
ccaggaaagg	cacagctgag	gcactgtggc	tggcttcggc	ctcaacat		528

<210> 91

<211> 547

<212> DNA

<213> Homo sapien

<400> 91

atataccatt	taatacat	acactttctt	atttaagaag	atattgaatg	caaaataatt	60
gacatataga	actttacaaa	catatgtcca	aggactctaa	attgagactc	ttccacatgt	120
acaatctcat	catcctgaag	cctataatga	agaaaaagat	ctagaaactg	agttgtggag	180
ctgactctaa	tcaaatgtga	tgattggaat	taraccmttt	ggscyttgra	ccttymtwrg	240
raaaaawgrmc	cmacttttyt	taacmtgrac	cwccytmatc	tctagaagct	gggatggact	300
tactatyctk	gttwatattt	taaatackga	aaggtgctat	gcttctgtta	ttattccaag	360
actggagata	ggcagggcta	aaaaggtatt	attatttttc	ctttaatgat	ggtgctaaaa	420

ttcttcttat aaaattcctt aaaaataaag atggtttaat cactaccatt gtgaaaacat 480
 aactgttaga cttcccgttt ctgaaagaaa gagcatcggt ccaatgcttg ttcactgttc 540
 ctctgtc 547

<210> 92
 <211> 527
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (527)
 <223> n = A,T,C or G

<400> 92
 gctggctagt aggggaacat gtagtagcca agcccatgca ttgcagtgca cagagcaaca 60
 ttggggtaac aggatgggta cctgtcacgg cctgtgcaaa cataacatgt gtcaccacac 120
 tgaaggtatg gtggaacaag tggcctcacc aaggctggac cccaatggac tttttgcctc 180
 ttgggagctt atgggtctat gaggacacag tagcctttcc tatcagcaaa ctggagtgga 240
 tgttgtatct ggggggtggc ttatgtacct gctactgttc tccccacatt gccagatgc 300
 ctgtataact gggaggcact gkgctctcag tttttgcgaa tgtgatgagc cccctgggtg 360
 ttctaccctt ttggcaatga ctatccctgg agncatgtgt caaaactgta aagcacaatt 420
 tactgtctct tgcggagcac accgctcatg ctctgaatta cacctgaktg tccctcctcc 480
 wgktawtgaa tgaggttgat cnvatcagaa adgtggkggt ggcmata 527

<210> 93
 <211> 531
 <212> DNA
 <213> Homo sapien

<400> 93
 ggtattcata cagccttctt aaaggcaatg ctttccacag gatttaagat accccagaaa 60
 ggcacacctga taggcatcca gcaatcattc cggccaagat tccttggtgt ggctgaacaa 120
 ttacacaatg aagggtttcaa gctgtttgcc acggaagcca catcagactg gctcaacgcc 180
 aacaatgtcc ctgccacccc agtggcatgg cgtctcaag aaggacagaa tccagcctc 240
 tcttccatca gaaaattgat tagagatggc agcattgacc tagtgattaa ccttcccaac 300
 aacaacacta aattttgtcca tgataattat gtgattcgga ggacagctgt tgatagtgga 360
 atccctctcc tactaattt tcaggtgacc aaactttttg ctgaagctgt gcagaaatct 420
 cgcaaggtgg actccaagag tcttttccac tacaggcagt acagtgttg aaaagcagca 480
 tagagatgca gacaccccag cccattatt aaatcaacct gagccacatg t 531

<210> 94
 <211> 547
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (547)
 <223> n = A,T,C or G

<400> 94
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 aagaatgttt ccattggaat tgttggtaaa gacttggagt ttacaatcta tgatgatgat 120

gatgtgtctc	cattcctgga	aggtcttgaa	gaaagaccac	agagaaaggc	acagcctgct	180
caacctgctg	atgaacctgc	agaaaaggct	gatgaaccaa	tggaaacatta	agtgataagc	240
cagtctatat	atgtattatc	aaatatgtaa	gaatacaggc	accacatact	gatgacaata	300
atctatactt	tgaacaaaaa	gttgacagag	gggtggaatgc	tatgttttag	gaatcagtc	360
agatgtgagt	tttttccaag	caacctcact	gaaacctata	taatggaata	catttttctt	420
tgaagggtgc	tgtataatca	ttttctagaa	agtatgggta	tctatactaa	tgtttttata	480
tgaagaacat	aggtgtcttt	gtgggtttta	agacaactgt	gaaataaaat	tgtttcaccg	540
cctggtg						547

<210> 95

<211> 1265

<212> DNA

<213> Homo sapien

<400> 95

gtgggtcaagc	agtgtttttt	ctgggactgc	agaagttcct	gctgtgcccc	acctttatta	60
ctaactggga	aagaccagag	gagactggga	tgggtctcatg	attctacata	cagaactcat	120
ccaagaaagg	aggaaaagct	gattttttgtg	aacgtcgcta	cttgtgcctg	aactaactct	180
caggcacatt	agtcagaaaa	tactacctat	ggttactccc	ccagggttct	aaaagtaaag	240
cttttagaggc	caccaaattg	gcaattgaag	ctgggttccg	ccatattgat	tctgtctcatt	300
tatacaataa	tgaggagcag	gttggactgg	ccatccgaag	caagattgca	gatggcagtg	360
tgaagagaga	agacatatct	tacacttcaa	agctttgggtg	caattcccat	cgaccagagt	420
tgggtccgacc	agccttggaa	aggtcactga	aaaatcttca	attggattat	gttgacctct	480
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gtaaagatgc	aggattggcc	aagtcacatg	gggtgtccaa	cttcaaccgc	aggcagctgg	660
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atccttactt	caaccagaga	aaactgctgg	atttctgcaa	gtcaaaagac	attgttctgg	780
ttgcctatag	tgtctctggga	tcccaccgag	aagaaccatg	gggtggaccg	aactccccgg	840
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agcagcgcac	cagacagaa	gtgcagggtt	ttgagttcca	gttgactgca	gaggacatga	1020
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cccctaatta	tccattttct	gatgaatatt	aacatggagg	gcattgcatg	aggtctgcca	1140
gaaggccctg	cgtgtggatg	gtgacacaga	ggatggctct	atgctggtga	ctggacacat	1200
cgctctctgt	taaatctctc	ctgcttggtg	atttcagcaa	gctacagcaa	agcccatagg	1260
ccaga						1265

<210> 96

<211> 568

<212> DNA

<213> Homo sapien

<400> 96

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tgaactgtta	tcaaagttgt	acatatttcc	aaacattttt	aaaatgaaaa	ggcactctcg	180
tggtctctct	actctgtgca	ctttgtctgt	gggttgacaa	ggcattttaa	gatgtttctg	240
gcattttctt	tttatttgta	aggtgggtgg	aactatgggt	attggctaga	aatcctgagt	300
tttcaactgt	atatatctat	agtttgtaaa	aagaacaaaa	caaccgagac	aaaccttga	360
tgctccttgc	tcggcgttga	ggctgtgggg	aagatgcctt	ttgggagagg	ctgtagctca	420
gggctgtcac	tgtgaggctg	gacctgttga	ctctgcaggg	ggcatccatt	tagcttcagg	480
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gggggtcagc	tggcatgaga	atattttt				568

<210> 97
 <211> 546
 <212> DNA
 <213> Homo sapien

<400> 97
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 ttgtatttta aacaaccaa aagaattgta aggggtggctt gctgccaggc ttgcactgcc 180
 gttcctgggg gtgtgcatct tcgggaaagg tgggtggcggg gcgtccacta ggtttcctgt 240
 cccctgctgc tccttcctga agaaaatgaa atattctatg cctaatactc acacgcaaca 300
 tttcttgtac tttgtaagtc gtttgcgaga atgcagacca cctcactaaa ctgtaaacgg 360
 taaagagatt tttacttttg gtctccgtga gtcgcatctc tactaagggt tacacaggaa 420
 ttccacctga agacttgtgt taaagttcta cagcgcgcac tgttaactga acgtcttttt 480
 cttcagccta tacgcggtac cttgttttga gctctcagaa tcactcagac aacattttgt 540
 aactgc 546

<210> 98
 <211> 547
 <212> DNA
 <213> Homo sapien

<400> 98
 tactgggtgc caagctatgt gccaggcact ttacatgtat tgatttaaca cttaacagcc 60
 actctatatt attccctttt tacagatgag gcaatttaag ctcaaagcat ttaagtagac 120
 aaccaaccta gaatcacata gcaaatgaca gaagccagag gcctcccaag tctctctaac 180
 tccaaacct atgcttactc tactatatca cactaccttg caataggaca aagggaatat 240
 gtggtaaact atgttcccag catctaaaag ccaggagtgg ttttcatttt tctttaagaa 300
 gatgatagtg tgatttgaaa catatctgaa tttcagaaga ggggaacttt aaaaattgcc 360
 actcataagg aaagaaagaa ctttttcaca ttttttgaa agaaacgatg gtgagaagat 420
 attcttgata atagagatat gctaacattt gctttgggtg tttttaggt tagatttttt 480
 tgggtgtgtac tttataggct tgcattttgc ttacttttaa cagctgaagt tctaagtaag 540
 agtgttc 547

<210> 99
 <211> 122
 <212> DNA
 <213> Homo sapien

<400> 99
 cagcctttct gtcattcatc ccacagcca cccatccctt gagcacacta accacctcat 60
 gcaggcccca cctgccata gtaataaagc aatgtcactt ttttaaaca aaaaaaaaaa 120
 aa 122

<210> 100
 <211> 449
 <212> DNA
 <213> Homo sapien

<400> 100
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 ggggatgtgc taaagcgtga aatcagttgt ccttaatttt tagaaagatt ttggtaacta 120
 ggtgtctcag ggctgggttg gggccaaaag tgtaaggacc ccttgcctt agtggagagc 180

tggagcttgg	agacattacc	ccttcatcag	aaggaatddd	cggatgtddd	cttgggaagc	240
tgtdtttggtc	cttgggaagca	gtgagagctg	ggaagcttct	tttggtctct	ggtgagttgt	300
catgcgggta	agttgaggtt	atcttgggat	aaagggctct	ctagggcaca	aaactcactc	360
taggtttata	ttgtatgtag	cttatatddd	ttactaaggt	gtcaccttat	aagcatctat	420
aaattgagtt	ctttttctta	gttgatgg				449

<210> 101
 <211> 131
 <212> DNA
 <213> Homo sapien

<400> 101		
ccatgtttctc	tcttgactac	gcataatgtga
gatttgcccc	tccgccccgc	tctgtatagc
catccagatc	ttttacctgg	cctgtcttg
gagaatctgt	tttcaatctc	cactgattgc
ccccctgctg	g	
		60
		120
		131

<210> 102
 <211> 199
 <212> DNA
 <213> Homo sapien

<400> 102		
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tcccagatgt	aaagaacgcg	acttccacaa
acctggattt	tttatgtaca	accctgaccg
tgaccgtttg	ctatattcct	ttttctatga
aataatgtga	atgataataa	aacagctttg
acttgaaaaa	aaaaaaaaaa	aaaaaaaaaa
aaaaaaaaaa	aaaaaaaaaa	
		60
		120
		180
		199

<210> 103
 <211> 321
 <212> DNA
 <213> Homo sapien

<400> 103		
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tattaaaaaa	attgtgcatt	ccaataatta
aaatcatttg	aacaaaaaaa	aatggcactc
tgattaaact	gcattacagc	ctgcaggaca
ccttggggcca	gcttgggtttt	actctagatt
tcaactgtcgt	cccacccccca	cttctttcac
cccacttttt	ccttcaccaa	catgcaaagt
ctttcccttc	ctgccaccca	gataatatag
acagatggga	aaggcaggcg	cggccttcgt
tgtcagtagt	tctttgatgt	gaaagggggca
gcacagtcac	ttaaacttga	t
		60
		120
		180
		240
		300
		321

<210> 104
 <211> 309
 <212> DNA
 <213> Homo sapien

<400> 104		
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gcttgtagg	atagttaaaa	aagctgccta
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cctattactt	tgcaaggggc	ccttcaaaaag
tctctgggct	tctatttcaa	cgcgatgat
gtggctctgg	aaggcgtgag	ccactttttc
cgggaactgg	ccaaggaaaa	gccccgagggc
tacaaccggt	tcttgaaaaat	gcaaaaaccag
cggggcgggc	gcgctctttt	ccaggacatc
aaaaagcca		
		60
		120
		180
		240
		300
		309

<210> 105

<400> 105

<210> 106

<211> 450

<212> DNA

<213> Homo sapien

<400> 106

<210> 107

<211> 116

<212> DNA

<213> Homo sapien

<400> 107

<210> 108

<211> 291

<212> DNA

<213> Homo sapien

<400> 108

<210> 109

<211> 662

<212> DNA

<213> Homo sapien

<400> 109

gctgtttcca	cagtacgcct	gcctcacacc	ttgcatgctg	ccaacatcac	catcattgag	60
caccagaagt	gtgagaacgc	ctaccccggc	aacatcacag	acaccatggg	gtgtgccagc	120
gtgcaggaag	ggggcaagga	ctcctgccag	gggtgactccg	ggggccctct	ggctctgaac	180
cagtctcttc	aaggcattat	ctcctggggc	caggatccgt	gtgcatcac	ccgaaagcct	240
gggtgtctaca	cgaaagtctg	caaatatgtg	gactggatcc	aggagacgat	gaagaacaat	300
tagactggac	ccaccaccca	cagcccatca	ccctccattt	ccacttggtg	tttgggtcct	360
gttcactctg	ttaataagaa	accctaagcc	aagaccctct	acgaacattc	tttgggcctc	420
ctggactaca	ggagatgctg	tcacttaata	atcaacctgg	ggttcgaaat	cagtgaagacc	480
tggattcaaa	ttctgccttg	aaatattgtg	actctgggaa	tgacaacacc	tggtttgttc	540
tctgttgat	ccccagcccc	aaaagacagc	tcctggacct	tgccccgggg	cgccccgctc	600
ggaaaggggg	cgaaatttct	tcaagaatat	ttccatttcc	acaaacttgg	ggccgggggc	660
cc						662

<210> 110

<211> 323

<212> DNA

<213> Homo sapien

<400> 110

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cgccaataca	agcaggaaat	ctgcagctcc	tctgctatgt	gcctcagaac	actttcaatt	120
tttctggtca	atgctctgat	taggtatcat	acataaaagc	cagcatatta	gtttaaatct	180
ctaacaaaaa	actatatttt	ccaaagtcac	tatcatttgg	gccaattaag	tgatcttttc	240
gtgctttgtt	gagcttcac	tttagggcat	ctcttctttc	ttccatttca	tgaagttcgg	300
catttccatg	tgcaaattta	cag				323

<210> 111

<211> 336

<212> DNA

<213> Homo sapien

<400> 111

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ggggcctccc	ccatcccagc	ttctccacca	tcccagcaag	tcaggatata	agacagtcct	120
cccctgaccc	tcccccttgt	agatatcaat	tcctaaacag	agccaaatac	tctatatcta	180
tagtcacagc	cctgtacagc	atttttcata	agttatatag	taaatggctc	gcatgatttg	240
tgcttctagt	gctctcattt	ggaaatgagg	caggcttctt	ctatgaaatg	taaagaaaga	300
aaccactttg	tatatatttg	aataccacct	ctgtgg			336

<210> 112

<211> 218

<212> DNA

<213> Homo sapien

<400> 112

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ctacatacac	acacgggtgg	ggaatgaacc	caaagttttt	aggtgaagtc	tctcagggcc	120
caccccgctg	cacagacctt	cctcggttgc	agagattctg	ggcaaagcat	ccgtgctctc	180
atgagattat	cctggggaga	tttagaagaa	ttttgtgg			218

<210> 113
 <211> 533
 <212> DNA
 <213> Homo sapien

<400> 113
 ctgcaccgac agttgcatg aaagttctaa tctcttccct cctcctgttg ctgccactaa 60
 tgctgatgtc catggtctct agcagcctga atccaggggt cgccagaggc cacagggacc 120
 gaggccaggc ttctaggaga tggctccaga aaggcggcca agaattgtgag tgcaaagatt 180
 ggttctctgag agccccgaga agaaaattca tgacagtgtc tgggctgcca aagaagcagt 240
 gccctgtga tcatttcaag ggcaatgtga agaaaacaag acaccaaagg caccacagaa 300
 agccaaacaa gcattcccaga gcttgccagc aatttctcaa acaatgtcag ctaagaagct 360
 ttgctctgcc ttgttagygag ctctgagcgc ccactcttcc aattaaacat tctcagccaa 420
 gaagacagtg agcacaccta ccagacactc ttcttctccc acctactct cccactgtac 480
 ccacccctaa atcattccag tgctctcaaa aagcatgttt ttcaagatct aaa 533

<210> 114
 <211> 261
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (261)
 <223> n = A,T,C or G

<400> 114
 ccatactctg tcggcgctac ttctttcttg gattgatcct gantgatgca ttggcgatgc 60
 ctttggagaa ggacatgtga tgtgatggtc ttcacgttcc acatgtactc gggcaaatag 120
 ggggacaaac tgaagttaaa caggctcgaag ctagaggagc tgctgaccct ggagctgacc 180
 actttcttgg ggaaaaggac acatgaaggt gcttttgcga agctgatgag caatctggac 240
 accaacatag gacaacaacg t 261

<210> 115
 <211> 267
 <212> DNA
 <213> Homo sapien

<400> 115
 cctctcctgt gggttccaga ccctgttcca gcaacaattg ctgggacacc tgggcccact 60
 gctccacctc gccaggccct ggccctctcc atctcagccc tgacagccac ccagtataa 120
 acacagcagg cttcctaagc aatgtgacgc accagagggg tgggtggtaca cgttccccctt 180
 gaagtcatct gaaaattaga gaacagattt gcctcatagc tgaagagaga ccctattcca 240
 agcatgaatg gccttgacaa tgctcct 267

<210> 116
 <211> 239
 <212> DNA
 <213> Homo sapien

<400> 116
 ctgatgacct ggggtctagt gaaaatgcag ggctcagattc agtgggtctg gggctctgaat 60
 ctctaaggcg ctgccaaagt atgctgatgc tcttggttg tggaccaccc tgtgtatagc 120
 aaagctctag actaggaggt ctcaaccttg gctgcacaga attatctggg gaggtttttaa 180

atttcccagt gccagggctg cattcatatc atagtagaga cagggttttg ccatgctgg 239

<210> 117
<211> 168
<212> DNA
<213> Homo sapien

<400> 117
aaaaaacttt tatattgctg catcttccac agttctttgg gtagtctctg aacttaaaat 60
ttgtaggagt ttagactac cttaaatttt aagttatgga ttgttcata ggtttaggg 120
gtaggtaaag aaggaaacag acaagaaaat ggcttcttga ggtggcag 168

<210> 118
<211> 150
<212> DNA
<213> Homo sapien

<400> 118
aaaaaaaaga gtttatttag aaagtatcat agtgtaaaca aacaaattgt accactttga 60
ttttcttgga atacaagact cgtgatgcaa agctgaagtg tgtgtacaag actcttgaca 120
gttgtgcttc tctaggagggt tgggtttttt 150

<210> 119
<211> 154
<212> DNA
<213> Homo sapien

<400> 119
aaactgtgtg agatattaac cagccgccct gttataaaat caggaaatcc aaacagcgat 60
ttacaccgat taacaccccc ttttatattt tttcaaatac actgagaaaa taatcaaacg 120
ttttcatctc tcttgtcttt ttttgttttt tcct 154

<210> 120
<211> 314
<212> DNA
<213> Homo sapien

<400> 120
ctgcgtggag tgacgggagg agggaatcac tgtgtgtgag agagtgttc agactcaatt 60
tccaaaataa ttttcacccc tctaagcatg taaattcaaa gatggatcct tcatagaaat 120
taaaaaatca atttgagctc atttcgaata cagaacaagt atggcacaga tggaagtcc 180
gccacgtttc ctttaatgat gctgactctt gtatcacaca ggccagcatg aagtttctta 240
ctcagacttt acaggcattt tccgtaattc aatcagtcct gctcccagca caacacagga 300
ggtgattcga gaat 314

<210> 121
<211> 601
<212> DNA
<213> Homo sapien

<400> 121
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attcaaactc tacaccattt gcccttcta tgaatttatg tataaaattt ttaagagtc 120
agagtttttt tttcttgatt aattggatgt atttcacaga atttccaact gctcacgtta 180

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gttttcttcc ttttagagtt gatctctcta atgtattaga tcttcatgcc tttgatagtc 240
tctctggaat aagtttgcag aaaaaacttc agcatgtgcc aggaacacaa cctcaccttg 300
atcagagtat tgtacaatca catttgacgt accaggaaat gcaaaggaag aacatcttaa 360
tatgtttatt cagaatcttc tgtgggaaaa gaatgtgaga aacaaggaca atcactgcat 420
ggaggtcata aggctgaagg gattggtgtc aatcaacgac aaatcacaac aagtgattgt 480
ccagggtgtc catgagctct gtgatctgga ggagactcca gtgagctgga aggatgacac 540
tgagagaaca aatcgattgg tcttcattgg cagaaattta gataaggata tccttaaaca 600
g 601

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<210> 122
<211> 486
<212> DNA
<213> Homo sapien

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<400> 122
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tttcacattt ttacctacaa aattgatttt taattctctg aaataattta ccattatgag 120
ctacaagggtg ggcaacagcg cctgaggatc taattttatg catattactc ccaagtattt 180
taacacttgt tggagaagca atatctggat caataaaaca ctgtcccatc aaccatttga 240
gtggggagag ggagaagctc ttctgtaagt aagattctgg caagctcttt gaaatgagtc 300
ttctttccca cagattttct ctactctttc aatacaaaaca gataggagaa gagggaaatag 360
aaacctggag gaacttgaat atttttgttc tagatagaga tacagttatt gaaaaggaaa 420
cctagaaagt agtcacacgt cgcttattta ggccagaagt aattgtactg ggcaaaaatt 480
tcactt 486

```

```

<210> 123
<211> 239
<212> DNA
<213> Homo sapien

```

```

<400> 123
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aagttgccc cagtatctcc acttaaacta ggctagtaac caaaataatg tggaccttct 120
ttaggaacaa gtgtgggaga ataggagtcc agccgtaaga taaactggaa atatttgggc 180
gtcttgtacc tggctacgca ccacctcagt gttgttccta cataaacaag gcccctttt 239

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```

<210> 124
<211> 610
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

```

```

<400> 124
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ttttcagtca gggctcaggga ctgttgcttg cgcgcgaaaa tcaccggtac gccgaggttc 180
aggccggtca tgatcgccgg tgcaatgccc gaggtctcga tggtagcgat cttggtgatg 240
cccgaatcct tgaacaacgc agcgaattca tcaccgatca gtttcatcag cgccgggtcg 300
atctggtggt tcagaaaggc gtcgacctg agtacctgat cggaaagcac gatgccttct 360
tcgcgaattt tcttgtgcag tgcttccacg aaagcttcct ctgttggcgc aacacgcgcc 420

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gaaagtagat taaaaagtag tcgattctag cgctttaaca tcgcgcgtat atccgccagg 480
 gcggtattgc cgcgaacggc tttgacttcg gttggtgtgt cgtcgttgcc ttcccatgcc 540
 aggtcatccg gcggcagttc gtcaaggaac cggctggggg cacaatcaat gatctcgccg 600
 tactgcttgc 610

<210> 125
 <211> 196
 <212> DNA
 <213> Homo sapien

<400> 125
 ctatagggct cgagcggccg cccgggcagg taaaaaatca gcccctaatt tctccatggt 60
 tacacttcaa tctgcaggct tcttaaagtg acagtatcct taacctgcc aagtggtcca 120
 cctccggcc cccgtcttgt aaaaagggga ggagaattag ccaaactg taagctttta 180
 agaagaacaa agtttt 196

<210> 126
 <211> 247
 <212> DNA
 <213> Homo sapien

<400> 126
 aaattagtta aaaaaatgca ttcctcattt gatatagcca cattccaaat gcttaaaagc 60
 cgcattgtatc tagtgactac catactggag agtacaata tagaacttta cccgtcactg 120
 cagacagttc tgttggtattg tgcagcattg gacaatatat acagtttgcc tgtatatgag 180
 aaagagagag agagagagag tgtgtgtgtg tgtgtgtgtg tgaagtgcaa taaggctgac 240
 aggcac 247

<210> 127
 <211> 590
 <212> DNA
 <213> Homo sapien

<400> 127
 cctccacggc atggcgcgaat tgttggtcag gggccgccag gttgctgccc atgccgatgt 60
 agatacgttc cactgtctta ctgcgcagac gactcgaag cgtcgcagc gctacgtttg 120
 cgcttgctgc cactgctgcg gcgacgcttt ttcgggccat cgcgggtggc ttcgcctttg 180
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 caccactcgc caaggccgtc ggtctgttcg ccggcgcttt cagcagcag caggaaagtc 300
 tagcccgga cgggaagcgc ggttggtccag caacaggtcg gcacgtttgc cgtgcggcg 360
 tggcaggcgc tcttgcatgt cccagatttc acggatcggc atgggtgaagc gtttcgggat 420
 ggcgatgcgc tggcattgct cggcgatcag ctctgagca gcttcctgca tggctggaat 480
 tgccggcatg ccacggtctt gcaggcgcac gacgcgtttc gaaagcgcgg gccacaacag 540
 ggcggcaaaag aggaacgccg ggggtgaccg tttgttctgc ttgatgcgca 590

<210> 128
 <211> 361
 <212> DNA
 <213> Homo sapien

<400> 128
 ctgcccattg aaaccctcca ggagctgctg gacctgcaca ggaccagtga gagggaggcc 60
 attgaagtct tcatgaaaaa ctctttcaag gatgtaacca aagtttccag aaagaattgg 120
 agactctact agatgcaaaa cagaatgaca tttgtaaacg gaacctggaa gcatcctcgg 180

```
<210> 129
<211> 546
<212> DNA
<213> Homo sapien
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```
<210> 130
<211> 733
<212> DNA
<213> Homo sapien
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<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G
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<210> 131
<211> 305
<212> DNA
<213> Homo sapien
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```
<220>
<221> misc feature
```

<222> (1)...(305)

<223> n = A,T,C or G

<400> 131

aaacacatac	gaatanttna	actgtgatta	tgaagtgaca	gccggctaaa	tatgtcttgt	60
atcttctctc	ttcctttttt	tgctaactca	tcctttattc	cattcctgct	tccatggtaa	120
tgcaggctca	aataaattac	taggatacaa	gattacttca	agcctctttt	ctgtggaact	180
cataatatga	taagcatttg	ttacaagatt	gcctgtagtt	gtttagggga	caaattatat	240
tagggaaaga	aagtctttct	ttagttgggt	aaattttcta	ttataattgg	gtactaaatt	300
tattt						305

<210> 132

<211> 545

<212> DNA

<213> Homo sapien

<400> 132

aaacaatgct	acactcattt	ttggcaaagt	gctgtattgt	tcagtctgtg	tacaaaactg	60
accatctatg	aaccaatcag	tataaaaaat	ttctataaaa	acaaaattta	gacagcggct	120
caagaaaaca	agctgccatt	tatgcataga	ttgatgtaca	gtaacctaac	caaagtcccc	180
ttttgaattt	tcaagttact	gaaaaaaaaa	gtgtcgagaa	acacattaag	aaggcacatg	240
tacagtctac	aatactcttc	agtctcccta	actcatgccc	tgccccctata	aaggaaatat	300
gttcacaatt	ttacttgaga	aaaaaaaaaca	aagccactta	aaaaaaaaaaa	aacacacacg	360
caattattaa	agttcaaaaat	ctctggagga	aaatacaagc	aaaaccactc	atacactcca	420
agcctgaaac	acacatctaa	cctccccagg	tactggtttg	gttttcagag	gtccacctag	480
aaaacaaatc	taaaacttca	ggcaaaacag	agcaaaaactg	gacatttaac	aattacacaa	540
ttttt						545

<210> 133

<211> 330

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(330)

<223> n = A,T,C or G

<400> 133

aatattttatt	actaatatct	tataatgttt	tgtggnacca	tggcatacct	tgggtactat	60
tgtaacanat	agttcaggaa	accctactat	aaggttttatc	aaatgggtctc	ataaacagtt	120
acttattcaa	gcacgccaaa	gctcagtgaa	aagtattttt	cacccttact	ctttctcgtg	180
tcattcaaag	agaagttttg	atgtagtgta	tttatttgta	gggagtaatg	aacagatcca	240
tttcacagta	gactttgtgc	tctaggtgat	gcagctaatt	gccccagttt	ggaaaacatg	300
gacttggatg	aattgtcttt	tgtttgggac				330

<210> 134

<211> 627

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(627)

<400> 134

<210> 135

<211> 277

<212> DNA

<213> Homo sapien

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (277)$

<223> n = A, T, C or G

<400> 135

aaaatcataat	tattattttg	ttaaaaatca	gcttgtttca	ttacnggaaa	ttacaccagt	60
cggttctatt	tactttcaaa	ccatattcaa	ctcctcaact	ttcaaacatg	taatcaacta	120
atttcaaaag	ggaaaaggta	ccctttataa	aggagagatc	tgттаagaca	ccaagaaatc	180
aaaattaata	tcacttaata	attaagtggg	taacacatgc	ctcccaatac	agtgcagtga	240
gaaacacaaa	acatcaattc	ccgcgtactc	tgcgttg			277

<210> 136

<211> 486

<212> DNA

<213> Homo sapien

<400> 136

aaaacagaat	gaatttcattg	ttacagttac	agaagtcaga	agcccaaata	cagtctgcct	60
gaaccaaaagc	caggggcagg	aaggttcctt	tccactgttt	tgccaacttc	tagaggccac	120
ctgtattcct	tgggtcatgg	cccctctctt	catcatcaaa	taatcagcat	agctttatga	180
ctatggcagc	tctgattttg	ctcttttgcc	ttcctcttat	gtagaccctt	gtaattacat	240
tgggtacacc	cagataaccc	caaataatct	ccctatctca	agattcttaa	tgtaattata	300
ttgggaaagt	cccttttgtc	atataagata	acatagcaat	ggattccaag	gattagtatg	360
tgagtttctt	ttgaggggct	ataattaacc	ctaccacaat	atggaaatgt	ctattgtttt	420
tctatgtacc	agaaataaga	cattaggatg	tgaaattaat	aacataaacac	cacttacggc	480
atcacc						486

<210> 137

<211> 552

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 137
 ccatcttgca tcaaattgttc ttaaggcagt gactggctat caaccacagt ttctgtctcc 60
 ccagttgcaa acacaggatc catgcaacag ttctgagacc atacacttag aaaccacagg 120
 ggatgcggat caaatgcaga actcccaaat tataaaacag tcaggctaca ctcaaaacaa 180
 aacatagaac atcaacaaca cacatctccc aaaaaagaag tgcaacgcat gcttgataa 240
 accaacaata acaaaaaaac cacaataaaa aatgcagagt ctcccaaca agttttcaa 300
 tgtattgcan aaagaaaaaa aatgtatata tatataaaat taaaaagtct gaaatactag 360
 tgcatagtca attacctaac accaagtttc ttttctttct gtccaagctc tactgccct 420
 ctgatactag cagcatgtct acaggctaag accatagcag caaaaaacgt ttttcatttg 480
 gcattttacaa aattaaatta ctgaataaaa atataatatt ttataaaact atttcttaca 540
 gtaataatatt tt 552

<210> 138
 <211> 231
 <212> DNA
 <213> Homo sapien

<400> 138
 aaattttact agtgttactt aatgtatatt ctaaaaagag aatgcagtaa ctaatgccct 60
 aaatgtttga tctctgtttg tcattacttt ttcaaaatat ttttttctgt aaagtataat 120
 atataaaact tcttgcttaa attgaatttc tatattagtg gttaattgca gtttattaaa 180
 gggatcatta tcagtaatatt catagcaact gttctagtgt tttgtgtttt t 231

<210> 139
 <211> 535
 <212> DNA
 <213> Homo sapien

<400> 139
 cagttgccaa ccctctgaac cgtttaggcc ggttcatcgc tgcctttgaa tctggggcgg 60
 tggatgatccg gcaaggggtg aaaccaaaga gcgggggctg tgaggccctt cgcagtcctt 120
 cgtaagtgcg tgcgatggag tgaactatca cgcacgtgtt ttatttcgtc aacacgaaat 180
 gtgatttatt tttgcgaatt aacacggcag ttctcgggta cgttttcgga aagcgtggga 240
 tatgattctg tctatcctgt acggatatac agtaattacc gggaggggat tccatggcga 300
 agaagcaggc ggcaccggca gcacggcagg aaatgagcgg tatggcgcg ctcgggcttc 360
 gcgtctcatc gatgattaat caccgggtcg cccagacgca gcgctgggtt acgattcatc 420
 gcctggacac ggatggggat cgggagtggg aagaggttct gagcgtgatc gctgataccg 480
 acgagctcga gctgacgctc aatgacgatg gcagtgtgac ggtgaggtgg gagca 535

<210> 140
 <211> 640
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

<400> 140

```
<210> 141
<211> 127
<212> DNA
<213> Homo sapien
```

```
<210> 142
<211> 126
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G
```

```
<210> 143
<211> 730
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(730)  
<223> n = A,T,C or G
```

<400> 143						
gcaagttctg	gagtgttcac	ttctgagcct	gaattccctc	ccctgcaaaa	tgggggaata	60
ccctcctcag	agggtccctg	cgaggggtgag	gggagatcag	catggcaggt	gtgctgggca	120
cggcagggcc	tgggaagggc	agatcctttc	cccatccctg	ccacaaacaa	cccaaaccct	180
taaaggagag	caatggcctt	gtgtcaaaaa	caaaaacaaa	acaaaaccct	gtcctaggag	240
actggggccc	taattttctaa	tagcaagcct	ttatgagtcc	ctaacactct	actgggctga	300
qtatctcaca	cgccagagga	taacctgcct	tctgctcacc	accaccccgt	agtagttgtc	360

```
<210> 144
<211> 485
<212> DNA
<213> Homo sapien
```

```
<210> 145
<211> 465
<212> DNA
<213> Homo sapien
```

```
<210> 146
<211> 351
<212> DNA
<213> Homo sapien
```

```
<210> 147
<211> 654
```

<212> DNA

<213> Homo sapien

<400> 147

acttattttt	aattactgaa	tattttcttag	acgttttggg	acagatttta	tgtaatcttt	60
ataagtatga	tttctgaaga	aaagcaaagt	cattagtagt	tttgccttaa	acttgtagac	120
taaaccaagt	attgtaaaat	aaacagcgat	aacagtgata	gtttttaact	ctatgggtcat	180
tgtatcactc	tggaaaaatgt	ggagtagctg	taataaatct	actcctgtat	tatgctttac	240
agtgcaggtc	ttagtttttc	ttttttctca	tttcttttga	aatggcatct	cgaacaaagt	300
ccaccaatcc	ctttacaaaa	gaatgaactg	ctcctctgtg	tgtacttcat	agaagggtgga	360
atcggacaga	ggcagggttag	tgacagttat	tcctgaaata	caggagcaga	gtacagtctg	420
ttgtggtttc	cgggattccg	cgcctagctc	agccaattaa	gcatgagaca	taggccattg	480
agccacttag	tagttatgcy	agtggataga	ttggtatgta	agagggaaaag	aggtctgctg	540
taaagaacaa	cacttgtttg	tctgtgggga	aagaaaagca	gaatcttgag	atgaaagttg	600
gcatacaaat	aggatactat	cgccagtagg	ttatattaca	aaacatttat	cggg	654

<210> 148

<211> 539

<212> DNA

<213> Homo sapien

<400> 148

tgaatatcat	gaggggtgatt	ttcacctgat	tgcaaaactg	ccatagtttg	aaacactttt	60
tcaattttacc	agacacactc	tgtcaagact	tcataactt	ccaacttgca	agcctgtgtt	120
ttgcctttctc	caacctaaaa	aggaaaagct	ttaaacgatg	aacttacatt	ctattaaacc	180
atcagacttg	agcttatcca	tctgttttagc	gtgaatgtac	aaaccaggta	catttccacc	240
aaacacatag	aaaaatcttg	tgcatacacag	ttcagctaag	ggtagtagga	caatccttac	300
aatcctcctt	ggattttcttt	tttaagatgt	caaagaagca	ggtaagcaac	attgttcatt	360
tgttactggg	tgttctagat	caaaccttca	caagctatat	atatagett	atagctata	420
gcttacaagt	ggggtaacaa	agtaaaaagaa	aagaacaaat	tatactttga	cactttatag	480
tcaaagtata	attaaaaaag	aaatcctaca	gtgggtaatg	gagaaataga	taatttttc	539

<210> 149

<211> 273

<212> DNA

<213> Homo sapien

<400> 149

tttttggtca	ttctctcaa	ggagccgctg	gatagtagtc	ttgattgact	tccaccttgc	60
ccctcataca	gtccgtact	aaggccaccg	acatcccag	gaacctccg	aaccacgacc	120
gccaagcaac	tgcaccacg	ataggtggg	cctacgctct	cgaagttgat	tggatgctcc	180
cgctacagg	gcgggtaca	gaagggacgt	catttgtgac	tggacgcgca	agagctatac	240
tcagcagctt	tcctctgtcc	cagcccctag	aac			273

<210> 150

<211> 200

<212> DNA

<213> Homo sapien

<400> 150

gtttttacta	ccgtatggcc	catttaaaaag	ggatgtgtac	gccttacact	ataaccctta	60
aaccacctag	aaatatgaaa	ctcaaaactgc	cactgacctc	cctcaccaag	ctccataaaa	120
gtaaaaaatt	ataacaaacc	ttattaacca	aactgaacga	acatatgggc	gattgattca	180
ttgccccac	aatcctaggg					200

<210> 151
 <211> 515
 <212> DNA
 <213> Homo sapien

<400> 151
 ctgtagcgat ctttaagaat attttatata tgaaatctgg atttaggggtt cccatgggtct 60
 ggcaccactg ggtacagtag ttctacatgg cagtaattca ttggagttga agcagtgagg 120
 aaagagtcaa gtactagtct tttatcctca gtgtccagtg actgtcaaga gaaatgggac 180
 tgccctctgc attgggatat gtggggttaa gagtagtcca atatagaaga gtgagaaaagt 240
 gmaccctctg aggcatagta atgttttatt kraaaacatc tcacatgtat tgaatactta 300
 sataggatgt attctgtatt actgaatttt ccagattatt gaagcaatca cctttctgtg 360
 tttaaagttt tagaaagaat gcttttaaaa atgcttaaca taagataagc ctgttttcat 420
 ggtgcaaggc cctttctatg aacatgaatc actggactct gaggggttga ctaagatcac 480
 atctacatcc cttttaaatg actagtgtgc tcaga 515

<210> 152
 <211> 243
 <212> DNA
 <213> Homo sapien

<400> 152
 atttcaacaa catacttgtc gaggtagtta taaatcttct tagggggagg tgggtggtttc 60
 tggtggaatg ccaattttac agcttctgct gctgattcag gttctttaat tatgcttttc 120
 tttgagtcctg cttcagatag cacaacaaaa aaatgatgac acttttcaca cttgacaaaa 180
 cgggtggatg atacaaaagg tctctacatg tgtgcacaag tcgccacatt taggacagcg 240
 cag 243

<210> 153
 <211> 620
 <212> DNA
 <213> Homo sapien

<400> 153
 ttgtcttctc taccttacca tagccagttg ctttcatttt aaaccagagc aagtaacata 60
 ttagtgactt gaatcttcat aagttaaagt aaaaaacagc aaaaaaccta gatctttgtc 120
 ttttagaaca cagaccattt tcaggaaagc agttagctaa gtgtttaatt catgaatatt 180
 gtatactgca tcccctacca caatttacac aatcctgtgg atagtctac ctcaccctgg 240
 tcaacctaca tgatccttaa gctaattggcg gatcacgatg accttgtaga catgcacaca 300
 actatacctt tgtccaacag atcataatat atctgctatc caactggttt tacctgccta 360
 atcctactga tttgggcact gcttgatatg tctctcaagt tcacaggaaa tgttgatttt 420
 ctaaggctct catttttaca gagtatacag gcaaagtgac aggggaaaag gaattagtct 480
 aagagtaagg ggatgattat tatattgagg ctaaaaccac aaagtggctc aggcctttaa 540
 aaaaaacact gtggataatg acaaaaaagc taagtaaaaa tatcttgaga aaaataaagt 600
 acaagttttg aacaccccc 620

<210> 154
 <211> 843
 <212> DNA
 <213> Homo sapien

<400> 154
 cattgttagt gaccaagta aatttatagt ttttaagttc agaggaaaaa taaagcctat 60

tttttgtaa	cagtcttaat	aaataataaa	atggaataaa	gaaacccaaa	aaaaaagaaa	120
aagtttgat	gaaaattcat	ccctatttct	ttattttgga	ctaagtagtc	aaatttctac	180
tatattaata	ttatgtaagc	gacaccatt	taaattcact	ctctttgata	gaaaggtgag	240
ttgattatca	cacctgctat	tttttcactg	ccaaaragac	tgcaataacc	tccttccatc	300
accctcaaaa	aacaaacaga	aaccatctga	ggcatagcca	ttgtttacat	attgtgtttg	360
tgtgcaccta	tctacaacgt	tctttcttct	aaggagttaa	tctgccaata	ttttcggtt	420
cagcagcagc	gctcttcttg	acagactaag	agaaggatct	acagaaaagt	catctgatta	480
aggttttggg	tcaaattaaa	actctctgga	cagaatcctc	tttccttcac	ttggatttct	540
gcaaacagaa	agcagattat	tctcctggca	caatagcgac	tctagaaacg	cttatgtttt	600
tcagactttg	gcagaacttg	ttaagaacag	catcatcata	atacatttgt	acaaactcga	660
atctcagtg	ctcttttgtc	ccacatgatg	catgatgaaa	tttataaagg	tctgttttac	720
ccccacaggg	tcattttctt	tgtgttccta	cagagccaat	aggcttcatt	taagtccaag	780
ttattatatt	aaccatccct	ttcactagac	tagagaactt	ctttttcatg	gtccatatcg	840
tga						843

<210> 155

<211> 674

<212> DNA

<213> Homo sapien

<400> 155

tttcgtgtca	gccccaggtt	tgctccagct	attcacaagc	agaatataac	acaagaaaaa	60
caattcatat	cccttaggga	aaaaagagga	tcaattcctc	actcaatatt	taatacagcc	120
aaaatgagct	gccaaaacaa	gcacacacac	aaatactgtg	aacagaaaaa	tacaagaaaa	180
tgactaagct	gggagctctg	acggggtatg	gacattgctt	aaagcactta	tcagtcctca	240
gaaaaaccaa	acaaaaaaca	ttttttacga	tggcatggcc	tcattggccc	ctttaaaact	300
gttgatggta	acaaaggcca	gggggtgggg	agagaaaaca	caatcactgc	tccttttttg	360
ctcgccagtg	tgactgcacc	cctcacggca	ccggcatgta	cacaactacc	acacaaggag	420
gaccaagtcc	ctctgctggg	ggcctcctaa	aaggcaaggc	ttgagttttg	gctgatgagc	480
aagttctctc	cgttaccaat	ccctgccaac	cagcactacc	atggctgaat	tgatctaccg	540
ttttcttgag	taaactgtaa	ctggctacag	tttcggtaac	atggaaaaga	actcagctac	600
tacagccaac	tgcaataact	caggaacccc	ctccatccct	ggggctcttc	actcctagtg	660
catcttgatt	ggat					674

<210> 156

<211> 671

<212> DNA

<213> Homo sapien

<400> 156

cctttagtga	acacctttat	ctccatgtcc	ctcttagagc	ccagagagct	gcccataggc	60
attttccaga	atttctcatg	tcacctagtt	caatttccat	taactcagat	cagccattgt	120
gattcaccat	ttgtcaggct	ctcaggttta	acaaaacctc	ctatcaccat	catccttcaa	180
cagccacagt	ctgaattgag	ccaacatttt	tttttctttg	agaaagaagt	gggctggggc	240
acaactttta	gtctgagggg	agctagtagt	cggcttgaca	attaaagcca	tcataacaa	300
cttttctcca	aatgtgttga	ctcctcaggg	gctaaactgc	tcttagctta	gaattatgct	360
ttactagaga	tctaccatat	aagtgggtta	atcactacca	tctgttaact	agttatatag	420
cttccagaca	tgaggagagc	atcaaacagg	gatggaagca	acccaagga	tatgcaagaa	480
gggcatgatg	aacccccctc	cctctggcag	gagaacaagg	ccaaccaagg	gacagactgg	540
aaagcactta	gatgtttaag	gaggagaaag	gggaagcttt	gaccagtctt	tgctttttgc	600
caagttcagc	cagttctccg	ctgcttgcaa	cctctagcgc	agtaacattt	tgcagaattg	660
cagattttcc	c					671

<210> 157

<400> 157

<210> 158

<211> 584

<212> DNA

<213> Homo sapien

<400> 158

<210> 159

<211> 671

<212> DNA

<213> Homo sapien

<400> 159

<210> 160

<211> 315

<212> DNA

<213> Homo sapien

<400> 160
 ccagagaggg agggctctgc ttcaccacag ggcaccagaa gaggactggg gcgcgggaag 60
 accaggtaat cataatgcta ttaaaaatag cagtaatcat actgttttat acattgtata 120
 atgtcataag gattttaact ttcattgtaac ataattgctg taaaagtttc cccagtttgt 180
 tttgtgctat ttaccctggg gttaaaatgt gtaagaattt acattttagg tatgttaggt 240
 ttattccttt ttatatgggt tctgtttgaa attttgattt tagaagacat tcattctcaa 300
 ggtcataaaa cacac 315

<210> 161
 <211> 607
 <212> DNA
 <213> Homo sapien

<400> 161
 ttttgtgtgc accttggata attgcttaac ttttaaaatt tacgttcctt catttccaaa 60
 aagggattat aactcactgt tattttgata attgagataa atgtacgtac aagtgttttg 120
 aaactgtaaa gtgcattata aacagagggga tttaccatag aggttctacc ttgatgtatc 180
 aagagaagcc ttttctggaa tctgggtgcag ccttgtgaga tgctgttagg taaggggact 240
 ccttggtaga atttcttaca tttgtgtaaa aagttctggg tcctgagtaa ttccaaagaa 300
 gatgctatga ggagttcact gtgcctttga tttgatccca atgggtcaga atatgttttc 360
 tcattcagta ggctactaca ggatttgaag tagaaaaaac aggggtccagt gaccttcacg 420
 ggatcctaga tgttcatgaa tttcaatcat ttgagattgt ggggtgtggg ccaatgctgc 480
 tctcaaaaag atgttgctt tcttcasaga gcattaataa ctaaaaaatc ccctgggtccc 540
 aaatttattg tgtgtmtctg aaggctttta ctgaagaaat gaaawgcaca ctcatggaac 600
 aaactaa 607

<210> 162
 <211> 443
 <212> DNA
 <213> Homo sapien

<400> 162
 tgagttttga aaaagtgaat aatcaaaagg aaaataatc cttgttggtc ataaattaag 60
 catcactaaa gtctcttgaa aggcatctt gtattgggca agatttaaaa tactaaagcc 120
 ttaggtccta ttcataattt aagtagcatg tttgtaacct gttactatct ggagagagaa 180
 gcagttgcct gccacaattg aagactacct ttcaaatagc aaaagagaga gagaaggctg 240
 atatttcggg ctttttaata aagatttgtg tggttctgct ttactgtaa ctgtcacttt 300
 cccagtgaag atgatttcat atacatttga gggctttaca sgtatgggtg aagttctata 360
 aattgcaaca aaatgatacc caatttcatt ttatcctttt tgtattgtga aactggaaac 420
 tttatgacat tgtaaattat cag 443

<210> 163
 <211> 686
 <212> DNA
 <213> Homo sapien

<400> 163
 caggcaaatt atagtcaa atcatcacc cctcaggcat ctgtggcaag gcatccctct 60
 agagaacaac taattgatta cttgatgctg aaagtggccc accagcctcc atatacacag 120
 cccatttgtt ctccatagaca aggccatgaa ctggcaaaac aagagattcg agtgagggtt 180
 gaaaaggatc ccagaacttg gatttagcat atcagggtgg gtccgggggt gaggaacccc 240
 attcagacct gatgatgatg taagttagct ttgtatatc ttgaaacacc tataaagttt 300
 tatttaccga ttgaatactt aaatgtaagt gaaaatctaa tagatgttta tgaatatcta 360

ggtagacatc	acctggattc	cccactctat	tgcttacctt	tttgttttgt	aatttgatca	420
gttcaagtta	aaacaattta	accaaaaaact	atgaatgttt	atgatataat	gaaatgattg	480
ttaactttct	tattgctttt	tcacacacct	ataaaaagtaa	ttttattact	cccaagagaa	540
atcactaaag	gcagaattac	tagaggtaaa	aataactagg	gttggtacag	tattactcag	600
gagaagtcaa	ggggagaaaa	cttgtcccaa	tgattcaaaa	taattttggc	atgggggggg	660
ggagggaaaa	aaatttggtc	tccttt				686

<210> 164

<211> 706

<212> DNA

<213> Homo sapien

<400> 164

ttttttttgt	ttcatttgct	gcttaaaata	aaaattataa	attagattta	aatggagcac	60
taattataaa	acagattgca	agtaccacca	tttgaaaaaa	aaaaaaaaaa	tcagtggatt	120
tccataacac	agaaaatgca	tgacatgca	tctacagtag	agttaaaaat	ttcctgtgac	180
taaaaaatta	aaaactggaa	tcaccagtag	caaagtata	gtcaatggct	atgacaagaa	240
cagatcctgc	cgagctcata	aatgcaatta	ttggcttttt	tgctttataa	aaaagacatt	300
acatatttta	ttgcattatt	ctcctaataa	aaaacatact	accacgtagc	tctccccatc	360
cccattcttt	gcttccagat	ttttatagaa	aataactgtt	ttagtctggc	cttggaaggt	420
gaaccaccca	gcaccacctt	cacctactca	ctcttcaatt	caatatgcac	atagcaaaaag	480
ccaacacttc	aatctctctg	cccacatcaa	aaaaagtagt	ttcaggagaa	aaacattaat	540
accagttgaa	taaaaataag	ggcataaaaag	ctatgagaga	gatagctctg	ccatctgtct	600
ctgggctaaa	aatcaaggct	aactattgcc	tttggcacca	caagggtcaa	ggtccatggt	660
tttattagaa	aagtccccac	aaaaaaatta	aacccccctc	acccca		706

<210> 165

<211> 427

<212> DNA

<213> Homo sapien

<400> 165

tyywgggcaa	ttaggcagga	gaaggaaata	aagggtattc	aattaggaaa	agaggaagtc	60
aaattgtccc	tgtttgcaga	cgacatgatt	gtatatctag	aaaaccccat	tgtctcagcc	120
caaaatctcc	ttaagctgat	aagcaacttc	agcaamgtct	caggatacaa	aatcaatgta	180
caaaaatcac	aagcattctt	atacaccaat	aacagacaaa	cagagagcca	aatcatgag	240
tgaactccca	ttcacaactg	cttcaaagag	aataaaatac	ctaggaatcc	aacttacaag	300
ggatgtgaag	gacctcttca	aggagaacta	caaaccactg	ctcaaggaaa	taaaagagga	360
tacaaacaaa	tggaagaaca	ttccatgctc	atgggtagga	agaatcaata	tggtgaaaat	420
ggaaaaaa						427

<210> 166

<211> 124

<212> DNA

<213> Homo sapien

<400> 166

accatgtttt	cgttgtgtgt	gagcagggaa	gggaactttc	ctgccttatt	taaacctggg	60
ccgaggattc	gtggaatctg	cttgatcaga	gactctgagg	ccaaaaacgc	atcatacttc	120
ttgg						124

<210> 167

<211> 232

<212> DNA

<400> 167

<210> 168

<211> 677

<212> DNA

<213> Homo sapien

<400> 168

<210> 169

<211> 635

<212> DNA

<213> Homo sapien

<400> 169

<210> 170

<211> 533

<212> DNA

<213> Homo sapien

<400> 170

ctgtgatctc	acaagtgtga	aaaatcttat	gaatgtaaaa	tgtgtggaga	ttcttctttg	60
tttttagctt	ccactttggg	aacatgtcaa	agcacacatt	gagaagtccc	atgagtgaaa	120
qagatgttgg	aaagcccttg	aacttggtcg	ttaggaaaca	tccacactga	agaggaacct	180

gactgtatgg	aagggtcaaaa	aggctgtatt	aatttacatg	caaaaagtca	cactagagga	240
atgccatata	agaatgcttt	tggtaaatat	acatgtttta	aagaggttat	atatcattaa	300
taaaaatata	tagctgggtct	gaagaccctg	agttatctca	attgttcacg	gttacagatg	360
gaactcttta	ttattgagga	gttccactct	ttccccatt	tgtcactact	acacttccct	420
agtcttttaa	acaatttttag	gctgggtgca	gtggctcatt	cctgtaatcc	cagcactttg	480
aaagggcgaa	gcgagtggat	catttgaggt	caggagttcg	agaccagcct	gga	533

<210> 171
 <211> 568
 <212> DNA
 <213> Homo sapien

<400> 171							
cccttgsc	aa	actttccctt	aagtattgca	ctacaagtct	aagacacttt	tcactcaaag	60
ttccttcctt	ccttacctct	cttttaactt	ggagtcagac	tttcatcagt	ctgacaactt		120
ctccctgtct	ccttccctttt	cccccttca	caagcatttc	acctaacaaa	tttcttatgt		180
gcttaatccc	ctcttagaag	cagatgccaa	gatgggatta	agcacataag	aggctcctgga		240
ctaatacaat	gacaaaggct	ccccttgaag	catcacacta	aaaggaaaaa	aaaaaaaaaa		300
acctagccat	tttacattaa	ctattttctaa	aatatagtat	ttgcttccct	atttgctaaa		360
acaaaaatata	ctaaacatga	ctattccaaa	aatctgtagg	gtactaagaa	tatgaagaga		420
ttcactctac	ttcaggggat	ggagttgtag	tagaaaaggc	tttgtggagg	gaggggtggtg		480
tttgaaatgt	actttaaaag	ccatcctcaa	agcctcgagg	gctataacctg	gcctggtgat		540
tatccaagga	cagtcocattc	aaacaggg					568

<210> 172
 <211> 167
 <212> DNA
 <213> Homo sapien

<400> 172						
ccatttacag	gaatcagcca	cttcagttca	gacagcttta	ttaaaccgcc	tggagcgaat	60
tttcgaagca	tgttttcctt	ccatacttgt	ccctgatgct	gaagaggaag	ttacttccct	120
gaggcacttg	ctggaaacaa	gcactttgcc	aataaaaacg	agagagg		167

<210> 173
 <211> 391
 <212> DNA
 <213> Homo sapien

<400> 173						
cctcccaaag	tgctgggatt	acaggcatga	mccmccmcgc	cctgatgata	gacacgtttt	60
taacttctaa	aaatatatga	tcattgattgt	gtctgtggag	acttgacat	atactaaatt	120
ttaamcaatt	agagatat	gttcattacc	acattttggg	agtcattatt	tcctctatga	180
agagagaaaag	gaatttgata	caagttcaca	ggggcttcca	gtagattgag	acttttattt	240
ctagctgagc	tgctgatgta	tgaatttttt	ttgktattat	gactttcata	tgtattaaaa	300
ataaaatgaa	aaaacaagg	attaggtgag	gaacctatac	gtctctaata	tgcaaaatac	360
cacagaaata	atgactgktg	ggaaaattag	g			391

<210> 174
 <211> 474
 <212> DNA
 <213> Homo sapien

<400> 174

gaactcagag	agaggattgt	cacccttggc	atctgagctg	acactataag	gacaatgagg	60
agtctccttg	gggatatag	gggagatgga	aggacgatgc	ctgtcctacg	gggtcttgga	120
aggttagga	tacacactgt	gagctgccac	aggctcaaca	gtacggatag	ggggtgctgg	180
aaccagccag	ggctctgatc	accaagctat	gtgccccatg	cagaggaagg	ggtagtgga	240
cactgaacca	cccagccaca	aggctatctc	cccatacagg	gcacctttaa	aaaaattatc	300
cttacagggg	aagacgggga	ggaaggatga	actgtgtgcg	gtgatgttgc	agttagtggtg	360
agtttgtgtc	cgtccgcttg	tatgagggcc	taccttttac	taactagccc	ccaactttca	420
ttatctcccc	tttttctgtc	tacccttctg	cctttttaaa	gtggcttgca	atcc	474

<210> 175

<211> 655

<212> DNA

<213> Homo sapien

<400> 175

ccttgcaagg	gtggggatgt	gtgggcttgt	tactgtttac	agcccatgta	tacctgaagg	60
gcaacatgta	cccacaaatg	ttccaggagg	taaataaaaa	atacaattca	gcctcttcta	120
aaccatcctt	gttgatatct	ctgctacttc	cgaaagttaa	ttcgttatct	ggactccata	180
atttttctta	ttaattcacc	ctatgtccaa	ctccaacagt	gaaaaaaatt	tatttaattc	240
ttgcaataag	cctataggca	ggcagcatta	tcctcagtct	gcagataagc	taaggctcag	300
agaagcttgt	atactgtcac	ttaggtagta	attgcaagag	ctggcattca	gacctagact	360
gtgggactcc	tactccatt	ctctttcccc	ccactaggct	gctccttaaa	atacaatgga	420
tgtcttgatga	acgcttgtgg	gaatcctggg	tggacacagt	tccttttcgg	ccaaaagcac	480
cttgacgact	tgtgaagaat	taatctggaa	aacttaacct	atttataaaa	acgtgttatt	540
aagggcaggt	tattcccacc	ccctttacca	aagaaaccgg	ccctgacctt	tttttactgg	600
gggttggtct	tgggcatttt	caacaagggg	ggaacagttt	aaaaattccc	ccctt	655

<210> 176

<211> 660

<212> DNA

<213> Homo sapien

<400> 176

cctgggtcaa	gtgggcatta	ccattcaagc	attactagac	atcaccgtaa	cgaaggctct	60
gttcacatga	aactaccctt	tctccattgg	gggtcagac	tctgtctca	tccaggatcc	120
tgaactctgc	tccaggcacc	tgttcaaccc	tctctcccac	ccactgcttg	tcacttcaact	180
gactccagtt	acattgaaac	aattttcagt	ctaaggagg	attttctacc	tttcagagct	240
gacctccgac	tttaagactt	gacaggtatt	tatcttgaaa	ccagagaggg	agctggagga	300
aaaaaaaaact	gagcaagcac	atcaatgcct	tttccaccct	tcttcaccc	ttccacactc	360
accgactgcc	attaccaaaa	cgccaagcac	aaccggtttg	gaacaagacg	cattccggtt	420
taattaaaaac	caactcatta	tgtatttttag	tgggggggaa	gggggggcaca	atcagggttt	480
tcaccaccaa	attttccaca	cggtttctga	acaccattgc	cttttaaaaa	actatttttc	540
cacctccaaa	atattttatt	aaattttatt	tattacggag	gtgggtattct	tcctttggga	600
gccaatttgg	gaaattttag	gaaccttttt	tattaccggg	ttttttgggc	gggttaaacc	660

<210> 177

<211> 459

<212> DNA

<213> Homo sapien

<400> 177

ctttttctct	tcctctgtgg	aatgggtgaa	gagagatgcc	gtgktttgaa	gagtaagatg	60
atgaaatgaw	tttttaattc	aagaamcatt	cagaamcata	ggaattaaaa	cttagagaaa	120
tgatctaatt	tcctgtttca	cacaaacttt	actctttaat	ctgatgattg	gatattttat	180

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<210> 178
<211> 720
<212> DNA
<213> Homo sapien
```

```
<210> 179
<211> 427
<212> DNA
<213> Homo sapien
```

```
<210> 180
<211> 728
<212> DNA
<213> Homo sapien
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<400> 180						
caaacacaaa	agtcactgtg	tgtgtgatgc	ttctccaatt	ccactcatcc	tggctgccat	60
tcatgcacta	gtgcatgtat	gcattttttac	attttttaaa	ttacaaaaat	caacctatta	120
taactgctta	gatatatatg	aagtaaaaaat	gaaagttctc	cctttacatg	acccatcccc	180
catcattttcc	ctcttttatct	tatactgtca	gcattcccag	cttgtagcac	agtgtctggc	240
aatagtaaat	cctcaaaaaa	tgatcaatga	ataatttaat	aatgattaat	aaataaatta	300
atgatgatgg	tgaagataaa	ttttagcatt	tattgaacgc	taactacaaa	ccagggagtg	360
tggtaaatat	tttataaaaa	tcaatgaatg	agctaaaatg	ccattctatt	atTTTTTTgg	420
atacgtttta	atatttttact	cataaatatg	cttaaagaat	attataatta	tatgacttag	480

aatggtaaaa	caatatgtac	agcagtatcc	tatttttttag	aataaaaaata	taaatatgtg	540
ctcacatatg	tggttggggc	atgcctagaa	acccgattag	aacgggattt	tttcttacca	600
ccattttttt	tacctgggaa	aaatatggga	aaatttttatt	tccttctttt	ttggttctaa	660
aatttatata	caggagccta	tttggctttg	gataaatcat	tttaaaaaag	gtgggtttaa	720
aaaaaaaa						728

<210> 181
 <211> 546
 <212> DNA
 <213> Homo sapien

<400> 181						
acaatccttt	ggaagacact	actgggcttt	gggtgctgct	ttttaataat	tgagttattt	60
tgagcttgcc	aagtaggata	tattgcctgg	actaaaattt	atttccta	cttctgatga	120
ccaagaaagg	aaaaattaag	tttgcagatg	ggagatgaaa	tatagccagc	gaatatgcat	180
actggttctg	aatgaaagga	attaactttt	cagtcaagaa	acagtctgca	tgccgtaaat	240
tgaatttttc	ctgcaactgg	aatgattggg	taattctttt	tgaacactgg	cctttctccc	300
caagaacact	aatgaattgc	taatatTTTT	taaagaaaac	tggtttttta	attaggtaag	360
ctccacttcc	tcttattttt	taatccctaa	agaaaactgt	taaaaggga	tggatctatc	420
acgccttttc	ttttaaaacc	acctttttta	aaaaggattt	ttccaacccc	caatttgctc	480
ttatttttaa	atTTTgaacg	ccaaaagaag	ggaaataaaa	atTTTTccct	taattttacc	540
ccctta						546

<210> 182
 <211> 333
 <212> DNA
 <213> Homo sapien

<400> 182						
ggccactctg	actgggtctg	ctaattcaca	tgtcttttgt	gacatacggc	tctaagaggc	60
agaggctgga	agagaagtat	gtgggttgtg	ggatcaagat	acccaagttt	cagtcttgac	120
actgctatta	cttagtcagg	tgaccactgt	aacttcatct	tgattgagcc	tcagatgtct	180
cacctgcaaa	atggagtttg	aaatttgcta	tggttgggtg	tcacacggat	taaatgaaat	240
aatgcctgtt	aagcgcctat	ccagcactta	ataagatggc	cactgcatca	taatgctttg	300
ggcacaagta	acacaacatc	caacccaaag	ggg			333

<210> 183
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 183						
ctgaatttct	tgggctttat	gtggcagtg	ggtaaaaaata	tatgatcaga	tttcaactgtt	60
aagaaaaattc	tttcagcaat	acatgtagag	tcaagtttct	tgcatggata	actgaacatg	120
tgggttatga	gatttttaaa	aatgtctcgt	gacaaaacttt	acggaaatgc	aacaatctgg	180
acatctagtt	ttgtctgaga	gtggcgtgga	tatgaagaac	tgtgctgttg	gtgctgatgc	240
cacactaagt	tttggcagtc	acactcttgg	ttcttcatat	ttgaggagat	gggatgggtga	300
ggaggcctgt	tggctttatt	ttattacgtg	ccaccatcta	gaatacagat	tcttgगतat	360
ttcatcttca	caaaggtgaa	gctgcaaaact	cag			393

<210> 184
 <211> 700
 <212> DNA
 <213> Homo sapien

<400> 184

<210> 185

<211> 192

<212> DNA

<213> Homo sapien

<400> 185

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ccagyccttc tttaagtaa gcgctttttc aagctcattg tagctacaaa gtcaataaat      60
tggctcttgt tatttttacc tgaaaaggct gttaaagggt aaaatgacaa actcaaattc      120
aaagggattg gaggatttgg tgtttatgat ttctcagaac aacaatctag agaccaccag      180
ggtgggtttc ag                                     192
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<210> 186

<211> 688

<212> DNA

<213> Homo sapien

<400> 186

gtgctggaat	tgcgcccttag	ctgggtcgcg	gccgaggttg	gatatttctt	ctggatagat	60
ttcagatagg	tagttccctc	aaataagatt	atatgggttt	gcattttcaa	ggcagagttg	120
tatacttcct	gctctttatt	taaataaaaa	aacttgaaaa	tctgttctgc	ccagtattgt	180
aagcgctcag	gtacaaatat	gaatgaaaca	atctctgcct	aagtaacaca	agtatagggg	240
caagattctc	agtaaaattc	tcacgtgaaa	tttgtaactc	actagacact	atcaggagat	300
caataattat	gtaattaaaa	aaaataatta	cctgccaaac	tgggttcttc	tttggcactt	360
ctgcttggtt	ttaagacaat	tctcacatag	aagcttatta	ttccccatta	gtcattccat	420
agatgtaaaa	ctggttagaaa	caggacttga	attgaacatt	ctttacaagt	aagttatata	480
gcttctgaaa	aaagggcttg	aaaaagcatt	tttggggact	ataagaacct	tcaaatgctt	540
tccctcttta	acaaacctta	aaattatttt	gaaaataatt	taagggggct	gattttctct	600
tgtcaaaatc	tgaaacccca	cttaccaggt	ggttggtcaa	accaaagttc	aaaaaaaaagc	660
ttctggcctt	tcctttatcc	cacttgca				688

<210> 187

<211> 779

<212> DNA

<213> Homo sapien

<400> 187

gcaaaaaaca	gatacatttt	cagtgtttta	aaatgaacaa	gtatggaaag	gcttatacag	60
taactgaaaa	gtctcctttg	ggaagccaag	gtgggaggat	tgcttgaggt	caggagttca	120
agaccagccc	aagcaacatg	gcgagacccc	atctctacaa	aaaattaaaa	aatcagccag	180
gcatggcgga	catacttgta	gtagtaacta	catgggaggg	tgaggcgga	ggatcacttg	240
agtccgagag	tttgaggctg	cagtgcgccc	caacgcgccc	tgtactccag	cctgggcaac	300
agagcaagat	gctgctctaa	aagaaatfff	cttttaaga	aaaaagtctc	cctcatagcc	360
tgttctacaa	aagtcctatt	tcttcccaca	aaaagcctct	ggtacctggt	gttagtctct	420
gggggtggaag	attactttta	aaaatagaac	tattttttta	gtatatcttt	tagggaactt	480
tagttcccga	agcttttagga	aatgggatct	tgaaaacaaa	agggatttca	atacctatga	540
caatgcttaa	agaattattg	gggcatttat	ttttcaatgg	aggggtccaca	aatccttgga	600
aacccttggc	caattaccag	aagccacttt	aatttttgac	cgaaaatggt	tttaaaaatt	660
ggcttttgga	aaaactgtct	ctttcccaca	aaatgaaaac	cttgaaaaaa	aggggaattt	720
ttaagggtgc	cccctcatta	aattttaacc	cctctgaaag	aaaaccctct	tgtgacagg	779

<210> 188

<211> 394

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (394)

<223> n = A,T,C or G

<400> 188

ggcgamgtct	ggycaccatc	atgcccttta	atcaactcac	acctgtttta	agagtgtttc	60
tgatttgacc	ttcatccctt	agtttactgg	cgttaaaaaa	agtctcagca	attttcatta	120
tttctcgtgg	gtctcattat	caaaccctta	cttatttcgg	catatttctt	ctgggcttct	180
tctagtctct	gccttacaa	caatgctggt	ctgtaaatft	attgaaacct	ctggaacatt	240
tcacctttag	agatggagga	tggaaggatt	ggyaccagaa	gaggggctaag	atacgttytc	300
tgtcttngag	ctgaaagcac	agycactctt	ccttcgtttt	gycgatgaga	aaagttgagg	360
ccagaagggga	ggtgacatgt	ttagagtcac	ccag			394

<210> 189

<211> 681

<212> DNA

<213> Homo sapien

<400> 189

aagttctgac	tttggcttat	aaaacagggg	tattggctgt	ggctgcactc	aatatctaaa	60
aagttattag	gaagtgcctc	gttattgtca	ttaaagatat	ctaaatatgg	tagaccaaaag	120
gttgttgaga	aacacatatt	atggactgag	ttctgtttct	tctgctgtgg	cgcacctaa	180
ctcaagcctt	ccttctctcc	ctccccttct	ggccggcatg	gtatctgagc	tcacagacag	240
acaaggcatg	ttagaatcat	cagatcatga	gcaccgtgct	gggatttagc	cctctccaaa	300
gtcaattctt	acagtccata	ctttgcttaa	atcctcagtt	ggtgaggtct	gctctgctgt	360
cagtaatccc	agctataaat	ttcccccaaa	tgtggggcct	agataaagta	gaaggtggat	420
ggactcagct	tattttcatg	ggatgacagg	aactggaaag	agaaagggca	ttgaaaataa	480
aaagttattc	cagaatagca	ttaacctctt	tactgttcaa	gaattaagaa	agcctactta	540
gaaatgaggg	ccttgagaat	gatacccaaa	tattggctct	tctacaaaaa	aatggccttt	600
ccaaatatct	gctttctctg	tcccccaattg	gcttttttaag	tagaattaag	ttacctaaaa	660
ctttacctga	aggtggtgtt	t				681

<210> 190
 <211> 839
 <212> DNA
 <213> Homo sapien

<400> 190
 caaatacatg atttccattg gcatagactc ttctatagtc tctcaggcac accttatgac 60
 taataagaac actgtcttct agatataagc caagttttag gagttatctt tgtagtttct 120
 gtgttgagac tatgggtctt ccctgtgcaa agacttgatt agcaaatact atttgaaacg 180
 atcccaaatt catagtgcag ttgaccaccc ttctgatcaa ggggatctct gtatatccca 240
 tgaaagcttc ataggtctca ccttagatta agtgcttcac ttctcaagac agtgaacaga 300
 tggaagactt ttgtagttat cattatacaa ctgtgccctg tgtgttttat tatacaacca 360
 gagaactgag gcactggctt tacctgtcag ctacgccagg ggtgtgacgt catctttctg 420
 acttgatcac acatgccaca ttgcttaata tttcaagctt agactgaaat aatcctgtgg 480
 taaaaaattt ttggggggct ggggaggtaa agaacaaggg ggggaacttt ggaatatattt 540
 tattcattaa tcatatttcc cgaattgtat tttattttga aatgaccata agggacttaa 600
 atacgtattg tggttaaatt aaatggaccc aaatggaggt aagtaaacct aatgggacaa 660
 atgaataaaa ggtttatgac tgggagcatt taccatgaa cctccttaga agctatttaa 720
 cttttctttt ggaaagccct gaaggctggg aacttaatt ttaaagacag tacctatttc 780
 cagaatcgct tccaaatggc catgttttaa agggccaaca ttttgggatg gccctgccc 839

<210> 191
 <211> 697
 <212> DNA
 <213> Homo sapien

<400> 191
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 ctcataagat tttatcacat ttcacagatg aactgttaat tgattccatg ggtacgatta 180
 ggcgagatcc aagctggagc tgcagctctg agtcccataa attctttgtg cttctgtaaa 240
 gaataaatct gtttttaattg caaattaaaa ctactggcag ggaatttttg cttccagtta 300
 ttaaaagact ggaaatgtgt aagtggagaa aggcataaac tgcagtaatc tcttaccgga 360
 ctctattata attccaaaca tacataatgg tgagaaaaac cgggaagggg agaatgtggc 420
 aatgtccact ctttgcccca aacataaccc ttaattttcca tggcgggccc aaacactggg 480
 aaaaaccaa atggtaccct ctatagcatg caacttttat ttcactcca acgaaaaatt 540
 attttgacta tggcttgga aatccattag tagaagaagt tttataacct ataggaaccc 600
 ggccatttca tttctacca atcacaggaa ttttagaatg ggcaaggaat ttacaggaag 660
 acttgcccaa ttatctttt ttgggggact aaaccaa 697

<210> 192
 <211> 687
 <212> DNA
 <213> Homo sapien

<400> 192
 ctggttacta tagctttgta gtataattta aagtcaggta atgtgattct tccagttttg 60
 ttatttctgc ttaggatagc tttggctatt ctggatcggt tgtggttcca tataaatttt 120
 aggatagttt tttgctattt ctgtgaagag tgtcattggg actttgatag ggattgcatt 180
 gaatctgaag attgcttttg gtagtatgaa cattttaaca atattgattc ttccgattaa 240
 tgaacatgga atgtttttcc tttatttggc gctctcttta atttccttca tcagtggttt 300
 ataggtttca ttatagagat ctttccttct tttgggtaat tcctacgtat ttaatttatg 360
 tatcgctatt gctaaatgga atgacttttt aaatttcttt ttcacattgc tctgggtggc 420
 atattaaaag ctactgatgg atggtgattt tggattctgc cactttactg gaattgggtg 480

```

atcagttcta atcgttttct tatgcacccc tttacgggtt ctacatgtaa gaatatatca 540
ccttcaaaca cggataatth gacttcttcc ccatccaatt gggaggccct ttatatcttc 600
tcttggcctg aaggctctac ttaaaacttc ttatcccttt gttggaataa cagtggggac 660
aatggacat cccttgtcat ggtecca 687

```

```

<210> 193
<211> 493
<212> DNA
<213> Homo sapien

```

```

<400> 193
ctgctaaaat gatgttgcta aagcattcct ttttcttttg attaaacttc atgtttacaa 60
aaaaattaat tctagcagaa taacgaatgg ttttgtttcc tagttctctg ctgaatgaac 120
agttttgcca attatcttca tagagtagtg atataatgaa tgcaacctca aatgcaaacc 180
aaccaattca cagtccatac cccaatcact tcttctatca gctcaaaaaa tgcctaagtg 240
aaccagtaga atggtttttg agcagtaata ggaaagcaaa tagaaagtca agggggactt 300
tcaacgcca caagaccaat tcagatcctg atctgactgg tttctaatac aatctctttc 360
cagagtaatg gagcatgagt ctgccacaca gaactttaga gagagtcctt tatttcaaag 420
actgtaaagt tggaagaatt cattcatctg caaagtcaaa tgtcaaaagt tgtgcttccc 480
actctcatc agg 493

```

```

<210> 194
<211> 424
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

```

```

<400> 194
cyagggcant ttagcangas aaggaaatan mggggattca attaggggaac wraggakarw 60
caagttgtcc stgtmtgcag atgmsgtgat tgtatatcta gamcacccca ttgtctcagc 120
ccaaaatctc cytaagttga taagcawctt cagcarmgtc tcasgatser acmtcwatns 180
gcr aaantca cmwgcatctt tatacaccaa tawcagacaa acagagagcc aatcatgag 240
tgaactccca ttcacaattg ctacnmaaga gaataaaata cctaggaatc caacatacaa 300
gggatgtgaa ggacctcttc aaggagaact acmaaccact gctcaaggaa ataaaagagg 360
atmcaamcaa atggaagaac attccatgct catgggtagg aagaatcaat atccgkgaag 420
atgg 424

```

```

<210> 195
<211> 229
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

```

```

<400> 195
tgaacaccct tnggaaggaa cctgctcgna tgtannanaa anggaccgga cagtctgcta 60
aatcgccct ctttagacgc ggcgcgcggg ggcagagttt ttctctggtg ctttagacctg 120

```

```
<210> 196
<211> 557
<212> DNA
<213> Homo sapien
```

```
<210> 197
<211> 624
<212> DNA
<213> Homo sapien
```

```
<210> 198
<211> 175
<212> DNA
<213> Homo sapien
```

```
<210> 199
<211> 871
<212> DNA
<213> Homo sapien
```

<400> 199

ctgttgatca	atgatgagct	cccaagagta	accagcctct	atatagtcag	catcactggg	60
ttctcaggaa	aagcatcacc	attgttcac	ttgctgcaaa	atgtatgcac	aagtatcttt	120
ttatttttaa	aaaagccctg	acattttatg	actgctgctt	ttctaagata	ttttcaaata	180
tacagtccat	acgggttcaga	cacaatggac	tggggataga	gacggctata	gtgccgataa	240
tggagaaact	agccagagct	tcagatattt	gttttccagg	acatctcaat	aattgggtac	300
acctcacaat	atgtgagact	tgacgtcgag	tggcacggca	tactctggcg	caggcacttg	360
ataaagactg	tgtttgcaaa	tacttagcct	gcacttcaag	ataccaggca	tctaagcacg	420
tcccagatgg	tgacagttaa	tcttcaaaaa	accctatgtg	gaagtattat	cattgtcctc	480
attttacaga	tgaggaaaaa	gagacacagg	gatgtcaata	tcttccctca	ggtcacacag	540
caagtaagt	atggaacagt	ggctcagcca	tgaagctatt	gctgttaacc	actaggttga	600
tttgccctca	ttaatttctt	cctaaaactg	cacatttccc	gttagtccct	cttttgggc	660
tgctgtttga	ctcttggtca	ctgcttagag	gaagattcat	tctattattt	tctaacttag	720
taaatatgtg	caactccttg	gggacatgac	caggcaaaag	ctggatacag	aaatgtatgc	780
ccaaacacca	tccaagtta	ccctaacag	gtcttttctg	gacctgttt	gtaagggggg	840
tatatttggg	aaaattttta	aaattttctg	g			871

<210> 200

<211> 737

<212> DNA

<213> Homo sapien

<400> 200

gacattttga	aggtaacagc	aatatctgtg	tatagatggg	gttgtggttt	tgttatttat	60
ctgctattgc	tgaactatcc	tttgtcttga	gcgataaaa	agaagtaaaa	tactaaagaa	120
ctgaactgtc	catttctgga	ccatgagtaa	agatgctggc	tgtaaaactt	cctgttcata	180
cattagttaa	tttatagagt	gtactctcta	tgtaagggtat	tgactgataa	tgttactttg	240
acttcagata	gcttgcagtt	taatggagga	agaagacaaa	catgcaaata	actaggtcaa	300
tgaggcatcc	tttgtgttcc	attggaagct	aggctgcttt	gtaaccttgt	taatttctgt	360
ggttttggag	tgcattcatt	agcaaataca	ccccttgctt	ttatccattc	tctgcttttt	420
tctttatttg	gcatttgatg	acattttttc	atgtggggaa	attgagtcag	gtgaggtgga	480
aagaaaataa	ggacacgaca	ctaaattctt	tgatgttttt	ccttaaaaaa	ttgtttttca	540
agtgtcccat	aaaggggtgt	gaagttttta	gagccatagg	acttgatta	ttgtgaaaga	600
gtgtctctag	ggggccaggt	taaaccattt	caaggactct	ccttctctca	tctcccttgt	660
tccaccaggg	gtggcgaccc	ccaaaaagca	caaagcctcc	ctttcttcat	gggaagggta	720
aggaacggaa	gggaacc					737

<210> 201

<211> 493

<212> DNA

<213> Homo sapien

<400> 201

tctagaaatg	cagctttttat	ttattacccc	atttctttca	agtccttgga	aaataacata	60
ttaagggtag	aagaaattaa	cacatgatgg	aaaagtcatt	gtgacgccaa	tgaatttcat	120
tgagtataaa	ctcatctact	tcaaatttat	tttataacac	aacctaaagat	actcaagata	180
attattttaat	ggtagctct	taagttgaat	tgggtctacat	aatgcgtggg	aagaaaacca	240
gatttttagc	cttcttgcca	aatccagacc	tctggttgat	ttttctttga	cagaagatgc	300
aagttatttt	ccaatttcac	aattaaatgt	atttaacatg	aacattattt	tgctttaaaa	360
actataaaca	ttgtaggaga	attatagcca	gtcttcagtt	ataaccactc	caccctctc	420
actttctctc	tctctctctc	tttttttttt	gctatgggat	ttaatgggaa	aaatatgtaa	480
aaactgtcac	ttaa					493

<210> 202

<211> 283

<212> DNA

<213> Homo sapien

<400> 202

cctttttatc	tcagtgaac	cgctccggga	cgcaggtggt	ggtgactcaa	ggctagcctc	60
aaagggcagc	cccacctcct	catcctggac	cacagagacc	acctgcttgg	cgcgccgtcg	120
cttttccgag	aggggtggctg	actccggggg	gctgggggctg	gggctgccgc	ccccgccgct	180
gttgctgtac	tcctcgcccc	agtcgatggg	ggctgccctc	ggacagcagg	tgcaggttgg	240
gggcactggt	acgcaagacc	atgctgcccc	gagaggtaga	tct		283

<210> 203

<211> 713

<212> DNA

<213> Homo sapien

<400> 203

ctgcttttgc	gcaaggtgcc	actggacgag	cgcctcgtct	tctcggggaa	cctcttccag	60
caccaggagg	acagcaagaa	gtggagaaac	cgcttcagcc	tcgtgcccc	caactacggg	120
ctgggtgctct	acgaaaacaa	agcggcctat	gagcggcagg	tcccaccacg	agccgtcatc	180
aacagtgcag	gctacaaaat	cctcacgtcc	gtggaccaat	acctggagct	cattggcaac	240
tccttaccag	ggaccacggc	aaagtccggc	agtgccecca	tcctcaagtg	ccccacacag	300
ttcccgtctc	tcctctggca	tccttatgcg	cgctcactact	acttctgcat	gatgacagaa	360
gccgagcagg	acaagtggca	ggctgtgctg	caggactgca	tcgggactcg	caacaatgga	420
atccctgagg	actccaaggt	agagggccct	gcgttcacag	atgccatccg	catgtaccga	480
cagtccaagg	agctgtacgg	cacctgggag	atgctgtgtg	ggaacgaggt	gcagatcctg	540
agcaacctgg	tgatggagga	gctgggccct	gagctgaagg	cagagctcgg	cccgcggtcg	600
aaggggaaac	ccgcaggagc	ggcacccgag	gtggatccag	atcttcggac	gccgtgtacc	660
acatggtgta	cgagcaggcc	aaaggcgcgc	cttcgaagga	gggggctgtc	caa	713

<210> 204

<211> 275

<212> DNA

<213> Homo sapien

<400> 204

gtagacaagt	acagcagatc	cagacaccag	atctagctag	gctaaatgta	cagtatctaa	60
cttgatctga	actgaacctg	tattccttga	tgatgcctaa	aactacatcc	atagaattct	120
ggtgaacctg	taatacagtt	ctgaaagtac	agttttatat	aataagatgc	tgatctcttt	180
attctttcaa	gtaagagtgc	tagagaacaa	attgtgttac	ttgccttggg	atttattgaa	240
cgtctggaaa	atgctgtctt	cctagatcca	aacag			275

<210> 205

<211> 694

<212> DNA

<213> Homo sapien

<400> 205

ctgttctgt	acatttaact	gaaaaaaaaa	taacttaaaa	taatataaaa	atagcactca	60
tgtatgtcct	acagttatag	gtgaaatttg	atattgtttg	tcttacatag	catacctata	120
gacagcttaa	gtaaagtgc	tgtaaagagg	gttatgctta	ttgatgaact	cttgtagtgtg	180
cttaccagct	ctgttagtat	agttaaattg	atctcagtag	cttcaagtat	ttataaaatg	240
ggtgaagtcc	aaatacatgt	gataattaca	atacactttg	aattaatgga	gggtgggagg	300
ctagttgaaa	tgcattttat	ttacccaagg	agtatgttaa	aatgatagtt	ataaatgttg	360
gaagtttaaa	gcaagatact	cagtttagtt	ctttacaaat	cataagaaga	acaaaattag	420

```

atgttgacat tgctatttta ggctgtgtgt ttcccatatg cttcttgctt tccctgtcac 480
aggtgggtggc agcaatattg gtgtgattga ggttatgctg gcaccactcg cacacaggcg 540
cacaatggtg ttagctgggc agaaagagtg gcatctctgg ctaccgggct gggggcgacc 600
tttaccatag gatgaagtaa ccttgcatte ggctgcaagg tgtactgtac cgtacacagg 660
tgctgggtcg atggccactt tctgcttttc tttc 694

```

```

<210> 206
<211> 704
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

```

```

<400> 206
tttttttttg gnaaaaaacag ggtttcatca tgtttgccag gctagtctca aactgctgac 60
ctcaggggat ttgccgcct caccgaattc aactttcgta agtcagtatt taccatctaa 120
ctcagtgtcc caaaatttaa aatttccttg cactttacag caaaaataca tattggggct 180
ctactgaagc aatatataca tgtcaaaact aaaaatcaga aaagcaaaag ggtccattca 240
acatatagca gcttatattt aaatatgtac aggtatgtat gttttcacag ttagatcttt 300
aaaaaaattt atatttgata tgttcaaaaa tacttctatt ggctataaat aatattttta 360
aagctcaact gatcaaaatg cattccaaga acatatcaaa ttaaataaat cttctacgtc 420
tttaaaaaca gataattgaa gtcagtaaag cttgaggttt gtgtaagtg tattctgtca 480
gtccctacta ctagggaagg cagaatcttc taaatacgat acgaaagaaa ctcccaaagc 540
ttggaaggaa tcggcagctc ctgaactttt tggggggggc atccctcttc gggattgaca 600
tgcgacataa atgttgcaag ctaaggggacc ccccccgggg gagtggggcc caaaaaaac 660
cacaccttc cgtcaatgg tggcccccc accaacctta aaaa 704

```

```

<210> 207
<211> 225
<212> DNA
<213> Homo sapien

```

```

<400> 207
ccattttaac tgtactgcca atagaattct ggaattgtgg aaaattgtat cattgaagtt 60
cagtaggatg tgtggcttaa aaatttatca ggaccacaaa aaagaaaaca aaaatatttg 120
gtactgaggt tcattgccag ggcaggaggt atttccagaa aatactcatg cctgtgttct 180
gttcttgcct ttcccaaata ctgcatgtga ctttcctaag cggca 225

```

```

<210> 208
<211> 678
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

```

```

<400> 208
cctatatcta tcaaaaaaaaa tccagttcct aactaataat ctcccaaaaa gaaagcacca 60
ggaccagatg atataaatgg caaatttttt caatcattta aggacaaaat aataccaatt 120

```

```

ctgtatcatt tcttcagaa cacttcctaa ctcatcgtat gaggccagca tcactctaatt 180
agcaaaacca gataaagcca ttacaagaga gagtgacaga ccaatgtggt tttattgagg 240
atgcaaacaa aattttaacat aatattttaat agtgaaaaac tggatgctct ttcctaagt 300
tagagattaa ggaaagaatg tcccttcac tactccata caacacctta ctgaaaattc 360
tagctagctt tataaaataa anaaaaacca naaaataaaa taaaagggtg acagactgga 420
agatacagtg aaggaggaag aaataaaatt ttctttgctc ataacatgat tcttctatgt 480
ggaaatcaca gagatttgaa catttttttt ttttgagaca gtttttgctc ttgttgccca 540
ggttggagtg taatggcgcg atctcggtc actgcaacct tcacctcccg aattcaaggt 600
gattctcctg cctcagcct tcccgagta agcttgggga ttaacagggc atggcacccc 660
ccatgcccc agctaaat 678

```

<210> 209

<211> 720

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 209

```

attatttttga accctagcat ttagaaatga aaaacttttt ataacaatca aatacatgat 60
aaagtatgca aagagtagga aattattctg atgacatatg gagggttaca aaggagaaaa 120
ctttttgcta cctctgataa agaatagact aaattctcca agaccaatct gactggtgct 180
ataataaaag gaggtacaca cggaagcaca agggatgtgt gcctctggag gaaaggtcag 240
gtgaggactc agtgagaaga caagccaagg agccaggtct tggaagaagt caacctgtt 300
gacaccttga tcttgacta accctgtgga caccttgatc ttggactttt agcttcaga 360
actgcnagaa aataaatttt tcttgtttaa gccaccana gtgtantgtt ttgttatggc 420
agccctaaca aattaaaatt atattttaac agagaatata aaattctaata ataacatttt 480
acagtaaagc attcatggtc ttttttttct tattaataaa tccatcaaaa cagaaagttt 540
tgcaaaaatt taacacattt ctctaccact actgtttcta ctctcttaaa actactccgc 600
aaatataaaa atagaaggcc aaaatgcac attaaaacga tgtttgggga ctaatggcct 660
taaaattcta ttacacttgg aaatatacaa atattcaaag attatctatt gatcacctca 720

```

<210> 210

<211> 277

<212> DNA

<213> Homo sapien

<400> 210

```

tccatgtatt tttatacaga atggaacaat atgtatgtat gcaatyktta cattccacca 60
tgaaataaaa cagtataatg aaaataacaa tagattcaaa caatgatatg ctattttttt 120
ttacctatga cattggcaag gtcttcttaa aaaatctgcg aataaccgat gttggagaga 180
tcatggggaa atagccactc aaatgttact catgagagtg tacatatgtg taacttcact 240
tgaggggcaa tttggtgata catttaaaaa gtttttg 277

```

<210> 211

<211> 715

<212> DNA

<213> Homo sapien

<400> 211

```

gtggtagaaa tactaatttt gcaattacag aaaaaaacaa atgccattca catggttyct 60

```

aacaaaaagt	gtctgaccac	ccccaccccc	cacccctcaa	aaagccctta	aataaagagg	120
aagatcaaaa	gaaaacaaaa	taattcccga	gtttcacctc	atacatcaa	tatagcacag	180
gaagtggcaa	agttttaa	aatgccttta	ctgttaggac	tagtatgctg	tcaaaagcca	240
caatcctttt	gttttagtga	gttgattttc	aatagaaaaa	tacaaatgaa	catgtgttta	300
agttccaaca	tggattgagc	acctctgaat	ttagtatcaa	atgattaatt	ttatttttca	360
gatgtcaaat	cttagtataa	aattttccat	tattttaaac	ttcacttgaa	tctttaaaaa	420
agctgtctaa	attgtactat	atgagttcag	tttaatcttc	tgtaaaatgc	taacaaattg	480
aactgtcagc	agtcttttaa	aaaaaaatgg	gggctgggtt	atttctagaa	gaactctcat	540
taagctttga	aatcagaaa	tcagagacaa	ataacttcag	atatagacta	gctccacaag	600
caaatttata	caattatctg	taacagtcta	tacatatatg	tgtatatata	tataccgtaa	660
ccactttcat	aggtaaaaaa	tattaacttc	atgtcacact	atgacagaa	gtata	715

<210> 212

<211> 717

<212> DNA

<213> Homo sapien

<400> 212

agcctcccc	aatgccttaa	aaggtcacag	tagatctcag	ctctgaacag	aaactcaact	60
gaaactcttc	ccacaacca	gcagtagata	tattaaaacc	tacaattttc	agggatacaa	120
ccaatattta	attcttttga	gggttttgtg	tttaatacaa	ggacacaaac	acacgtataa	180
aatgacgatg	tcaatactga	ttaaacagaa	caacaaaata	agaagctcaa	attatcatca	240
gctatttgtt	atatctgaaa	taacaataat	gcacttgatt	ctgaaagaat	gatttagagtt	300
cctactctga	aaatctaatt	gtcttgatgt	ggcgaagtga	gaagaaagga	tgatttttct	360
aatgaaaagc	atgtatacgg	gtagcccttt	gcgagattct	gtcaaaaccc	tgaattttgc	420
attagctgtt	ttaccaccca	aacgttttta	cccagggatg	tgcagcaatg	ggaactctca	480
tacactgctt	gtgggaatat	aaatcagtat	aaccactttg	gaaaaccatt	taacattgtc	540
aactacagct	ctacacacaa	gtgctataac	cacccattcc	actccagggg	atacaccta	600
aaaatatgaa	gtgcccattg	ctacccaaaa	ggccgcctaa	aaggaatgct	tttgagaagg	660
gttaaccttg	ttaattagtg	gcaaaactgg	gaaaacaacc	cccaaagtgt	cccatcc	717

<210> 213

<211> 599

<212> DNA

<213> Homo sapien

<400> 213

cctgttttgg	cgaggcagga	gggaagcggg	atgggagtg	tggttaggcc	aagggtagtt	60
caaagcgatt	cagcaggatg	atgaccacag	gagtgtctga	gccgggcctt	tcagcccccg	120
tgtggatgat	gaccggccat	ccaggacatg	cgagggtctg	ggacagtgga	cagccagtgc	180
cacacaagga	aggaccgatt	aaatgacaca	gttaaaggaa	tttggcctag	ggagtgcagg	240
ccagaaaagg	ttgtctttt	tatatatgta	acattggaaa	aaaggaacat	ctcctgttcc	300
ctgtattaag	ttttgacttt	agctcagcaa	atgcagtgtt	tgtggcagta	aatatactct	360
gataacaatg	ttctttccca	ggaatttaga	gttttatgat	ggttattgaa	aatgtttaca	420
tgacaggctg	tcaataatat	tttttgcttc	taaaaataaa	acatacataa	agtgtacgga	480
ttttaagtat	gcaactcact	gaacttttca	taccgtaata	caccacccta	gtaaccctcc	540
cccagttcaa	gatgtagact	gtttccaata	accctcatc	ctgttcctta	atagcccc	599

<210> 214

<211> 789

<212> DNA

<213> Homo sapien

<400> 214

ccttatgaca	aaccttgcta	tgccaaggat	atgcttcact	atcttcatct	atcaaaacac	60
tatgcatcat	agatatctaa	ttttttcatc	tcttgcatga	agtctttcct	gatttccttc	120
tgctgaaatt	tctctcttca	aatgatgtgt	ttccatagta	ctttgtccct	tttcaaagat	180
atatctcaca	tcgcatatct	taccacagtt	agtttcattt	cttaactctc	acactagatt	240
acaaagtcaa	tatagacaaa	gaaatgttca	accttatata	acctcctctg	cctatgctgg	300
taaattgcac	ctactatgtg	ttcaataaga	gcttgtcttt	ttcaatatac	aaaactttgt	360
aaagattaaa	gacctttag	aaagtcaaga	ggaagatagc	aatttcactt	ctaagaactt	420
accctaagga	aacattcatg	aagagataca	aggggttatg	tgcatggatg	ttcattatca	480
tattattctt	cattatgaag	attatgatgg	taataatgaa	aatgattatc	ttgtattggg	540
ccttatttga	agtcaagcat	tgagaatgta	ctttatctgc	attatctcac	tgagttctcg	600
tagcagccct	ataaggtaca	gactgttata	taagcttaaa	aaaataaagt	taatgtccaa	660
ggtaaaacaa	ctagtaaaag	aagggggcta	ggaaatttgg	aaccccaaaa	ggggcaacct	720
ctcaagggct	atgaatcctt	accattatta	taaggaagct	tggcccatgg	tggcccaaaa	780
aaaaccggg						789

<210> 215

<211> 765

<212> DNA

<213> Homo sapien

<400> 215

ggatgtctga	gcaggagaga	gaccatgtga	aggatggact	gaatggagac	ttgtatcaaa	60
gagtctgagt	atcaaagact	tgtattagag	aggggtgttg	tagtaatcta	gtcaggggat	120
gagaaatggt	ttgtattaga	gtgtcaggag	tagtcgtggc	aaaaatatat	agatcaggat	180
gagggatggg	cctcatctca	caccctgact	ccagtcaatg	gcagtggctc	cctggagtag	240
actactatag	gaaggatttt	gtaaagtgtt	gtctggcctc	agtggagggt	gaggtagggg	300
aggagttcta	tgaacagtta	gtgggtgtctg	ccatgggttg	aacaatggag	aagggggaca	360
ccttttctgt	gcagatgttg	cttctggtag	atataatcca	caatgtaatg	ggagaagtac	420
taagaatcag	taaattatgg	aggggtgtaa	agactactga	tatttaagcc	tgcggaaccg	480
acttagagaa	atgatagtta	aaggagaaat	atccagcaaa	caaagatatg	acattgaagt	540
ttgggactgc	gatttagtacc	agagatttgg	attggagggtg	atttgtatag	aatggatagg	600
tgattttact	cttgcaattt	ggattgaggg	gtggggaaaa	ccagaaaggg	gctgggggggt	660
aaattagtag	aaggtcacct	tgaattcatt	gtggtccata	tcaatgctga	aactgattgg	720
ggaacttttt	actcttgagt	ccctttgtaa	gggaacccca	gaaag		765

<210> 216

<211> 780

<212> DNA

<213> Homo sapien

<400> 216

cctttttctg	tggcaaatgg	aggcttttca	ctgcctgtag	agacaatata	gtaagcatag	60
ttaaggggtg	ggtcagaaca	tgtaagata	acttactgta	tatgtattcc	cttgtatttt	120
gttaaagctg	gaacatttga	tatttttcca	tttatttatg	aaaaaatatg	aacctatttt	180
catttgtaca	aggtaattgt	tttttaaagc	aagtcacctt	aggggtggctt	taattgtata	240
agtcaagcac	atgtaataaa	ttcaaaacct	gcagttaaca	ggatattaga	catcaatcct	300
ggtaaccaa	tattaaagat	tctctttaaa	aaagactgaa	catgtttaca	ggtttgaatt	360
aggctaaaag	gtcttgtagt	ggcttttcat	ggcccttcaa	attggaatgg	aactactgta	420
ctttgccatt	tttctataaa	tcagtacttt	ttttttaatt	ttgatataca	ttgtgtgaaa	480
aaagaaaatg	gctaataaac	tgtattaaat	cttaaaacaat	gtataaagat	tgcaacttagc	540
cagttcaaag	tgtatactta	ttcataatga	attataacag	ttataatttct	gtgttttctt	600
gtaaatgttt	cttttccctt	aaatacagat	aattcatttg	tattgcttat	tttattatga	660
gctacaacaa	aaggacttca	ggaacaagta	atgtattagt	atggttcaag	attgttgata	720
ggaactgtct	caaaggatg	gtggttattt	taaataataa	tagctaattg	gggtggtaaa	780

<400> 217

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<210> 218
<211> 817
<212> DNA
<213> Homo sapien
```

<400> 218

```
<210> 219
<211> 661
<212> DNA
<213> Homo sapien
```

<400> 219

ggatgctgag	gcaggaggat	tgatgcctgg	agtttcagga	tacagtgagc	tatgatcatg	60
ccattgcact	ccagcctggg	caacagagca	agattctgtc	tctaagaaaa	ggaaaaagaa	120
aatgaataga	tagtggtatt	agatgttaat	gacatcagtt	gtttttattc	tttattcttt	180
cttagaaaca	gattagtttt	ctcgaattaa	agaactacca	tttttctttt	ttctacaact	240
ttcaagagct	ggtgaagaaa	tgatgttttag	atttaataga	tatagtagca	gtcatatatt	300

```
<210> 220
<211> 792
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (792)
<223> n = A,T,C or G
```

<400> 220						
cctctttt	ttcctacaaa	taattttcaa	gtacacacaa	ttgggtaa	aaagaaacaa	60
agccaccaag	aatgaaaatc	agtaggaata	acgaacaaga	ctcacagatg	tcaaacaagt	120
ctgtgggtct	tgcgactt	agatgttgga	attattagtc	gtggcaagn	nncaaacat	180
tagctattac	cattatgtt	accaactagt	gaagtgaact	atgagaggat	atattaacca	240
cagaagttaa	tagaagaata	gactcctgaa	aatatctgga	tgctacaaac	taaaatatag	300
tatataatcc	ttcatagagt	gtcagtgact	tcatatttat	aattacattt	ttgtatatta	360
gcagtgttct	agttcttact	gccttatctt	taagctgann	nnaaataaaa	ttatatatttg	420
ggattcaaaa	acacatagct	aatgattact	atgtggcagt	gttacattac	tttatcacat	480
atcattaaca	taatctgcat	gtgttcaaag	agatcttcac	acttctttgt	agctcccact	540
tctttgtcgt	ctttgtagct	cccacaacat	ctagaacagc	acaaccgtat	atggagaaaa	600
ctcagctag	tattcgttga	atgactaatg	gaaaatttag	ttnataaaca	gaactttctt	660
cattgnacaa	tattctttgc	agaagaataa	tggccttagt	ttaaaattat	catattttacc	720
catntcncca	ngttatttta	tctcttttgg	ctaanaattt	tgaaaacggt	accttttacc	780
ctttggcatt	tt					792

```
<210> 221
<211> 759
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G
```

<400> 221						
cttttctgct	gctccgggag	gtggagtggc	ctggcagagg	gcacatggct	gccacctgct	60
gcaaggaaaa	ttctcagtga	agactcctca	gtatgaagga	gataagcctg	cacaatcagt	120
cactgataga	tgcttagtgg	aaaaacttcc	aattccatt	tacagctctc	agagctagga	180
ttaaaaactc	ctggtcataa	actcatgtga	tgagaagtta	tagcacgcc	tcattttcta	240
catanccact	tgcatttatg	gttggctttt	gaacttgcta	gaagggaaag	aagtgcaa	300
gtgtcctcct	tagagctact	ctcctccctt	tggtgggttt	ccagtttg	cattgtccag	360
atggcccagg	agctgacgat	caaagggaag	aagtcattgt	tgtcatgaga	atgctttgct	420
gcatcaggat	tcagtgaagc	tgttcacgc	ctggagccca	tgcagcctca	agaggcagga	480
tggagctcag	aaaccatcac	tgaggttaga	aagtgagcac	caaagttgag	ggaagcccac	540

```

aggagtgagc cgaagtgtc cctttggatt tccaaagtgg gtgctgctgc ttcttccatc 600
agccttgctt ctgaccccaa tgcgttcctg gtgccttctt cttggcattt tgctgtcggg 660
ggcccaagga aaaaaattcc tgcattggcag tggtgaaaaa agatggctgc ctgctgaaac 720
ctgatttggc ctgggtaagc cttttggagc cccgggttaa 759

```

```

<210> 222
<211> 699
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(699)
<223> n = A,T,C or G

```

```

<400> 222
ccttntnaag agttggcatt aattottcac taaatgtagg agtagaattt atcaggtaag 60
ccacactgac ctctggncct nttnncgccc gatgattttt aattagttga atccctttac 120
ttgttatata tgtattcata tattctgttc cttcttggat ttacttttat gattggtgcc 180
tattgaggta tttatttcta gtttgtggta cttcatgtgt ttaggttttc tagacagtgg 240
acatagaaga ttcaagaagc taaatgtagg agaatgtnta atgtaggana ntgaggcnac 300
natatcatca atgaatgact tgaagtttcc tctgttgtaa agaatgatat taccataact 360
gccatagnta atattgatgg tgtaagtcaa ataanaaggc aggaggaaag ggacatccat 420
cactgaacca canatcagag nctcattgaa gcctttgaga agaatccaca aaattttaca 480
ggataattca tttcctgcga tcaccacnag aagagaaact ggtaaacag acagggtattc 540
cagagtccaa aaattttacat ttggtttcng aaccaaagac ctcagctccc aggccacagc 600
aaaagggggc ttatgaattc cctggcacc cagncccaaga cccaanaacc tcattctgat 660
tggtttnggg cttgggaaac caaaaaacca atgggtggc 699

```

```

<210> 223
<211> 598
<212> DNA
<213> Homo sapien

```

```

<400> 223
aaaaagagaa agtttcagat ttgccattca aggcttattt atatatatgt gtgtgtatat 60
aaatacatgc acacacttgc atacatatat atttttggct gggggagtgt gagttttgcc 120
tttctaaggg agggaccgag caggctcctt tgttctgtat tctggcggag atgggtcctg 180
gccttgtgtc actggcttat ccttaaagat catctcccat cctccccagc gccatctgtg 240
tgcagcaacc agaaagggat gaacttggcc ctcttgccgg cctggacaag gtctcttctt 300
taccctttct gttgccagtc agcaacctgt aactcacatt ctcttcccag tgaatccctg 360
ggagcgcctg accctgggtg gctgttcagc ttctgtctgc tggggccagc aatttttgag 420
gatttatctt taggccaggc ttgcctcctg acttaccct gctctcccat ttctctcttg 480
tttgagagag aatgaggaag caaagagtga gaaagaatag gggctgaaga cgccactccc 540
agatggctct ttctatcctg ctcttctgtt gaaacacacg tgctgtgggc ctcaggcg 598

```

```

<210> 224
<211> 501
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(501)

```

<223> n = A,T,C or G

<400> 224

aaacctttat	gatgacttcc	ttatgaatta	ctgaacgaac	actggaatgg	gactcaggta	60
tectgaggac	atctctcaac	tctggcctta	gttccccctc	tgtaaaatta	gggtgccaac	120
taaatgatct	acaagggtccc	ttccagcgcc	gccattctgt	aattacatca	tgtgtaactg	180
tattaacat	acacaagtga	ctgccaggca	tgggaatgta	acttccgagt	aaatgctttg	240
gtttgttcag	aatacactat	gaacttcttt	ccaaagacgg	gttgtggtaa	atagtggata	300
ttttgattat	aagaaataga	gtttccttga	agcttttagct	ggagatacag	caatagtgtg	360
gtgttcttac	aaatatcaca	gtgtattcaa	acatatcttt	ctatcaaaaa	tcatttttgt	420
aaaagctgtg	tgttttttatc	caacttgtga	taataaatgt	tctttatttt	agaacaaana	480
aaaaaaaaaa	aaaaaaaaaa	a				501

<210> 225

<211> 295

<212> DNA

<213> Homo sapien

<400> 225

cctgtatagg	gctcgtttcc	ccacacatgc	ctattttctga	agaggcttct	gtcttatttg	60
aaggccagcc	cacaccagc	tactttaaca	ccaggtttat	ggaaaatgtc	aggaaaaaaa	120
aaaaaaaaaa	cacatgcact	cacacaatac	ccaaacatca	raattagaag	ggcataaaac	180
agggggcttt	ataggetgaa	aaatatctta	ratttcaraa	cagaatacca	atcaaatatt	240
gaaaattcct	ttgttcaaaa	cacaaagatg	ttttgttttt	aatgggagtt	ttttt	295

<210> 226

<211> 372

<212> DNA

<213> Homo sapien

<400> 226

agattcctgg	cttagagcat	gcgagcattg	aaggaccaat	agcaaactta	tcagtacttg	60
gaacagaaga	acttcggcaa	cgagaacact	atctcaagca	gaagagagat	aagttgatgt	120
ccatgagaaa	ggatatgagg	actaaacaga	tacaaaatat	ggagcagaaa	ggaaaaccca	180
ctggggagggt	agaggaaatg	acagagaaac	cagaaatgac	agcagaggag	aagcaaacat	240
tactaaagag	gagattgctt	gcagagaaac	tcaaagaaga	agttattaat	aagtaataat	300
taagaacaat	ttaacaaaat	ggaagttcaa	attgtcttaa	aaataaatta	tttagtccgt	360
atgaaatgaa	at					372

<210> 227

<211> 599

<212> DNA

<213> Homo sapien

<400> 227

ggcccccgtc	gcgggagcgg	cttcgggcct	tctgggcatg	tctgccatat	ggctccagggt	60
ttgtttttct	ccccggcact	ctgacgggga	gggtctccgg	catctcctgg	catccgggta	120
gaggacgcgg	aggatgctga	gctgctggcg	cactgcagca	caactagaga	tgtacggatg	180
cccccatctt	gatcttacag	aatcagagggt	acagccgcga	gaaagagtca	agaacagaca	240
gagtcgcttg	aggactcagg	aggggtgttg	ctgcgttgac	aacagactac	accctcacag	300
tttgcctctg	tcttccaaca	ccagtgggaag	atgatcacat	cccagggatc	agtgtcgttt	360
agggatgtga	ctgtgggctt	cactcaagag	gagtggcagc	atctggaccc	tgctcagagg	420
accctgtaca	gggatgtgat	gctggagAAC	tacagccacc	ttgtctcagt	agggatttgc	480
attcctaAAC	cagaagtgat	tctcaagttg	gagaaaggcg	aggagccatg	gatattagag	540

gaaaaatttc caagccagag tcctctggaa ttaattaata ccagtagaaa ctattcaat 599

<210> 228
<211> 343
<212> DNA
<213> Homo sapien

<400> 228
aaagtaaatt gtatgaaaaa ttcatttctt caattgcatt agccacattt tgagtattca 60
tgtggctggt agattctgta ttagcacaaa gatatggaac atttccatca ccacagaaag 120
ttctgttggg cagcactgca ttagaatatt ttcatactgc tcttcctcaa ttaatttttg 180
ttgttaatgt tgatgtcttc attggatggg tcataatggt ccatgaaacc gctcaagtac 240
acaattgtat gttcttttga tcccttacca caaatatctc gctctgctca tttcttttgc 300
agcttccat aaagtttgtc ttctcaaaa aaaaaaaaaa aaa 343

<210> 229
<211> 417
<212> DNA
<213> Homo sapien

<400> 229
ctcaagctgc agtccaccgg gtatggttct ggatggttcc cccaagggag caggatgtga 60
ggaggtgaag aaaactgaga tttcaagtat gggagagttt ttactatctc cattcctgga 120
ttaaaagtgc tgaaaaagtc cacagttaaa cattccttta ttcacctat ggctcccaag 180
aaaagcattc ttcctctgga gtactggtgt actaagggga caatacacca aatttggtga 240
gtttacaatc aagtctacta aggttggact tccttatcag ttgggcagag tccagggga 300
gaataatcat ccactacag gtctctgttt cctctccctc cgcagcagtg gagagcatcc 360
cagtgtttgg ggcactgtgt tcctcttcgt ccttgcacca gacctggaa gccttgg 417

<210> 230
<211> 462
<212> DNA
<213> Homo sapien

<400> 230
gaaataccag aagagaaaagt ttcattgtgc aaatctaact tcatggcctc gctggctgta 60
ttccttatat gatgctgaga ccttaatgga cagaatcaag aaacagctac gtgaatggga 120
cgaaaatcta aaagatgatt ctcttccttc aaatccaata gatttttctt acagagtagc 180
tgcttgtctt cctattgatg atgtattgag aattcagctc cttaaaattg gcagtgtat 240
ccagcgactt cgctgtgaat tagacattat gaataaatgt acttcccttt gctgtaaaca 300
atgtcaagaa acagaaataa caaccaaaaa tgaaatattc agtttatcct tatgtgggac 360
gatggcagct tatgtgaatc ctcatggata tgtgcatgag acacttactg tgtataaggc 420
ttgcaacttg aatctgatag gccggccttc tacagaacac ag 462

<210> 231
<211> 328
<212> DNA
<213> Homo sapien

<400> 231
ctgtggggtt tcctaaacgc ccctcatctg gttgaagccc tagtgtttct ttctcacatc 60
agaggcaaag gcattggggg gggctctggt tggacaataa atttccctctg gtttggacca 120
agaaaaacag agttctttga ccgctaacat atatgtaaaa agaaaagtttg taaaaacaag 180
agttaaaatg cttctaacag tgtggtcctc actgcacagg acactggaat tggcattcgg 240

ggttgtgtct gtccatgtgg tttcgttgta tgtcatgtgc tctcagctca gacagagaca 300
tccaattgac ttctgacttg gggcattt 328

<210> 232
<211> 595
<212> DNA
<213> Homo sapien

<400> 232
cgccaatttt agcaaataag agattgtaaa agaagcagat tgaatgaaga attttttagct 60
gtgcagatag gtgatgttgg gatggaaaat gctaatacaac taccctttct tttatcaagt 120
aattaaaata aatctacata aagaaccaa aaggctgttt tataaaagt aaatatccag 180
tatttcagag ggccaggcaa gagcacttca gatgaggcag tcaaaatcat ttttttcag 240
tgaggataga ccacaagtgg gtggtgagac cattgaaagc ctttatcaac tgaagagtcc 300
atttaacagc ataatttggg ggaagactgg aatagggctg aataaatgtg tttgaatctc 360
taattttata ctttcttttc ctgaggaact tgatttttct gtccctggat cgccttgctc 420
taattgggtc tgttctttt actaccactc ttgagtccat atatgaaatc attaaagtgt 480
gatgatcagt tttttataaa aatatatatt tttgtccaag aaaaaaaaaa gcatacatat 540
gtgattatgg ctaaatcaaa ggtaactgga atgtatatac ttttgctaatt gttcc 595

<210> 233
<211> 600
<212> DNA
<213> Homo sapien

<400> 233
atgaaggtaa actctaaaat cttcataggt caacaaagaa aattttatcct tcacacttat 60
ttctagaaag cagcagggct tatttcttag attgcttaca atgaagctag aatatctgctg 120
ataactgtag agtttcaaaa aggatcccta gggctacttc tacgtttctcc ttaccagttg 180
agcactctcc ataatttcca gacgggtcat gggggagaat gatagaaatg agcgtgggaa 240
gaaagacaat gaaattagaa atgggtgaga cacatgggtg tagaatgcta agagcagggg 300
tcaggacaat caaccaggtg tctaggaagg gtcaagtcac cagtgtcatc tgctgaccaa 360
tgtttaggaag aaataaactc aaaggaaaca ccacattttt ccaattaaac tcaaattctat 420
tgacttgtgg tggttctttg atgttgtggg gactgctata acagaaacca attggatttt 480
caagggcaag aaactttgcc actgaataag atgatgtcat ccttctctgat aacaaatagg 540
aatgggtggt cagctctaaa cagcgtggac tgagggagtt gcttttctac aatattactt 600

<210> 234
<211> 500
<212> DNA
<213> Homo sapien

<400> 234
aaattcctaa ttcttttact atctttctcaa cttttcccaa agataaaata aatttcacat 60
aatttcatgg aggggaaaatg gtatgtgtaa aaaactacct caagtagcaa tcaccgctgg 120
cagtgttttc tcaactttctg ttctgcaatt gcaatcacac ttccaaaaag aaaagcaaat 180
gtttgctaaa ccatagacag acaacctctt tgtgactggg attataagggt ttataatgaa 240
aacttatcaa atataaaagg tgctccctct tgaaaatgtg tattttatatt gaagttttga 300
gtaagaggtg agtgtttggc aattttcaac actccctcca aaaatctccc aaagttgcaa 360
aaaagtcagt ttagtaaaat tccaagcact taaatgcttc attgaggggc agttgatata 420
cgcaatgcac taatgtgtaa aaattaaccg aatgcaacta ttttataatg gagagctctt 480
accttttctt tccagttttt 500

<210> 235

<211> 159
 <212> DNA
 <213> Homo sapien

<400> 235
 aaaattttaca gataaaggca gttcaatact gccactgaga agtacatctc ttaacatata 60
 caacttttcag gccacagttt tgaaggtctg aagtattaag ttggtttgat gaattagtcg 120
 gttggcactt acgaacacat ttattgcctt gccatcttt 159

<210> 236
 <211> 254
 <212> DNA
 <213> Homo sapien

<400> 236
 aaataagtga ataagcgata tttattatct gcaagggtttt tttgtgtgtg tttttgtttt 60
 tatttttcaat atgcaagtta ggcttaattt ttttatctaa tgatcatcat gaaatgaata 120
 agagggctta agaatttgkc cattttgcatt cggaaaagaa tgaccagcaa aagggtttact 180
 aatacctctc cctttgggga tttaatgtct ggtgctgccc cctgagtytc aagaattaaa 240
 gctgcaagag gact 254

<210> 237
 <211> 591
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 237
 tttttttttt tttttttttt ttttttttcta attttttactt tttctcaagt ttaatgtara 60
 catacaaraa aacatcaagc aatggtttatt gkgcaattcc aatcattatt tgcaraatct 120
 tgggtttaag tcagtyttta tagccatttc aactgcttgg tttaaacaaa aagcaacaat 180
 ctggttatyt acctataaat ttcattgggtat ttttttaaac actgaagtac taaaagcact 240
 gatgatttgt attataattt ttaaaatatt taaaacctac acagatttca taratcatc 300
 cttttataaa ataatacaaaa taatttgatt atytggaaaa aaaaattctt gaaacaragc 360
 cttttccagg tatyttcaat ctctgtaaaa ccccaaacc caaacagagt aratgatgaa 420
 ataaggattt ctcagttgcc caagactgtc tgaaatttaa ggttgaaaaa tggactggcg 480
 tttttcatgt ttctgngaa ttcanagctt acaggtggca tcaaaactca aatctctggg 540
 atggcctttac atggcctttca ctttgatttg tttcattttc atttgcttct t 591

<210> 238
 <211> 252
 <212> DNA
 <213> Homo sapien

<400> 238
 aaatggcttt tgccacatac atagatcttc atgatgtgtg agtgtaattc catgtggata 60
 tcagttacca aacattacaa aaaattttat ggcccaaaat gaccaacgaa attgttacia 120
 tagaatttat ccaattttga tctttttata ttcttctacc acacctggaa acagaccaat 180
 agacattttg ggggttttata ataggaattt gtataaagca ttactctttt tcaataaatt 240
 gttttttaat tt 252

<210> 239
 <211> 153
 <212> DNA
 <213> Homo sapien

<400> 239
 ccacaataaa gtttacttgt aaaatTTtag aggccattac tccaattatg ttgcacgtac 60
 actcattgta caggcgtgga gactcattgt atgtataaga atattctgac agtgagtgc 120
 ccggagtctc tgggtgtacc tcttaccagt cag 153

<210> 240
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 240
 aaaaaaacca tctaaaagtg gttttttaat atatataattt tttccaaagg aagaaatttc 60
 ttgcttttac tcagggaaaa aaaaaaatta aggtacattt gagtagaatg atttcatcta 120
 aaagagttct ttcaggagac atctgtgatt cactgcattg tttttatttt cttctttttc 180
 ctcttctttt ccaacatttc taccattttc ctcttcttgg ttgatatacag gccactttct 240
 tttgttgctt tcttactgtc acctgttaaa ccgcgtttct ttgtgttagg ttttgaccgc 300
 ttttcttctt tgtgcaactgt gtcaccaggc tcctttttgc caattttgga ctgttcttta 360
 cttacaggag aaggctctgc ag 382

<210> 241
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 241
 ggcagagcc accgcgcccg gccctatctt ttacttttat aaatagagat gaagtttcac 60
 catgttgccc aggctgggtat cgagctcctg ggctcaagcg atcccccaac cttggccttc 120
 caaagtgtctg ggattacaag cgcgagccac cgaaattatt cttaactagc aagactaggc 180
 tctgacatca catccttata gttacatccc ttttaagcagg gttcagccac tcaactctgca 240
 cctggagAAC ttgatgggta tccctcgaag tgacagtcct gcaaatgaca aaaacactcc 300
 aaatctatta gggttggtgca aaagtaatta cgctttttgc cactgaaagt aagtcaccaca 360
 ggaccctgag ggaaatggga ggggtggggtac tacatagcag 400

<210> 242
 <211> 75
 <212> DNA
 <213> Homo sapien

<400> 242
 actcacatat gcagacctga cactcaagag tggctagcta cacagagtcc atctaatttt 60
 tgcaacttcc tgtgg 75

<210> 243
 <211> 192
 <212> DNA
 <213> Homo sapien

<400> 243

006229" E9T5960

```

gctccacatt tgtagcgaac actttgactc caaagagaag gaggaagaca aagacaagaa      60
ggaaaagaaa gacaaggaca agaaggaagc ccctgctgac atgggagcac atcagggaggt      120
ggctgttctg gggattgccc ttattgctat gggggaggag attggtgcag agatggcatt      180
acgaaccttt gg                                     192

```

```

<210> 244
<211> 616
<212> DNA
<213> Homo sapien

```

```

<400> 244
aattttatag caatatactg accattctaa aaataacaaa atacatgttg ctctcaacta      60
catagttaaa aaaggtagta aattctctta cccaaaatag aggaggggtg ggctagttag      120
ctgctcaaac atttgaaca aataaaaatg tatctatata catataatga tcatgttttc      180
atagcctaaa atcaccatac aaaatctaata aataaaaattg tgcgtgttc aggagttggg      240
aagccaacac attaaattaa caaagtattt ttggtatatg taaataatgg gatagaatct      300
ctogaatcag gattgtccca gaagttctaa ggcagatgtc aatgacatgc acattgtcca      360
tgttcagtaa ttttcaaaga ctagaataaa ctatgtaaac tattcaatac aattcaatat      420
tacttaactg ctaaaaagta cttcaagatc ttgcactgcc ttgagttagt ataatacaat      480
tagtaattgg aaaatagctg taatagcagg cactgaagaa ttctgacaaa taccaaataa      540
ctgtttgttt ttaccaaata aactggtaag atgatatcac aaagggtttt aagttatttt      600
gctatacaag gttttt                                     616

```

```

<210> 245
<211> 165
<212> DNA
<213> Homo sapien

```

```

<400> 245
ttggaacagt ggattaaaat ccagaagggg aggggtcatg aagaagaaac caggggagta      60
atttcttacc aaacattacc aagaaatatg ccaagtcaca gagcccagat tatggccgcg      120
tacctgaag gttatagaac actcccaaga aacagcaaga caagg                                     165

```

```

<210> 246
<211> 229
<212> DNA
<213> Homo sapien

```

```

<400> 246
tgtactggat ccctccaggt gggggcgact ctacactgac tattacaata gcctcctaag      60
tggtttccct acttgcaacc ttgccgtat aatatctatc ctccacacag caggcagggc      120
gatcctttta gaatagaagt tagatcatga aaatgctctg ctctgatccc tgcaaaagct      180
cgccacctcc ttacagtcac cgctgaactc gtagcagagg ttcaggagg                                     229

```

```

<210> 247
<211> 338
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (338)
<223> n = A,T,C or G

```

095153-032900

ggaaaccgtg	tgtacttatc	ctggatgatg	ccaccagtgc	cctggatgca	aacagccagt	60
tacagngnga	gcagctcctg	tacgaaagcc	ctgagcggta	ctcccgcctca	gtgcttctca	120
taccccagca	cctcagcctg	gtggagcagg	ctgaccacat	cctctttctg	gaaggaggcg	180
ctatccggga	ggggggaacc	caccancagc	tcatggagaa	aaaggggtgc	tactgggccca	240
tggngcaggc	tcctgcagat	gctccagaat	gaaagccttc	tcagacctgc	gcactccatc	300
tccctccctt	ttcttctctc	tgtggtggag	aaccacag			338

<213> Homo sapien

tgaaaaacaa	tgaattctca	actcctacgg	ttcattgtaga	gtttagagaa	aatttccatc	60
attgtcatca	tgaactgtg	aacctgggaa	gccagatcat	gattaacact	gacatcaagt	120
ttcaagttgc	agatcaatgc	accagtggtt	cagatgaggc	aaacttctcc	gtgacaa	177

<213> Homo sapien

aaagtaatga	ctttattaat	aaatatacat	ccatatgatg	atgtagatac	aaatcatgaa	60
cactactcca	ttcccataca	cataattgca	cacgagtagc	tcaagttcat	ggacataaaa	120
acatacacag	tatctattca	gactttttac	agcagaggac	agcgtgctta	ttatcagtta	180
attggtaatt	atcttctcca	aaattacctg	tggaaaaaag	aaattctgaa	aacttaaaag	240
aatcaaagtg	atctgattac	ttt				263

<213> Homo sapien

aaaaaaaaaca	acagcgtaaa	tatttagccca	caagagcagt	cctaaacaat	cacaattaca	60
ctgtactacc	caagaagact	gtttattgtg	aagcattttac	ctttcaaaaa	atcattacat	120
tctctatttct	tggtggagca	gcacattgtg	gagtggtgatt	cttaattctt	cattgagttt	180
gtcaatagga	cattgatgct	ggatagggtg	tcttttgttt	ttatgcttca	gaccatcttg	240
tgagattggt	tgcctatctc	ataatacagt	tttatgcaga	aagggttgaaa	ctatgtaaatt	300
ggttttttatg	gaaattatca	gttacaatat	ttt			333

<213> Homo sapien

aaaccatttg	tacaaaacttt	ctataaaattt	ttctctctct	ttctctcttta	tgtacaaaaa	60
tatcttaata	tatccccgaa	ctgggttagga	tagatacaaa	tagatttttt	ataataaaaa	120
attcacaaaa	gattggaagc	attctataat	gaaaatggta	gaaaagacag	tgtgagggga	180
gccatggggt	ttgggaatcg	ggccctggag	gagaagcaga	gtttcaaagg	gctgagaata	240
qcatagtttc	actgtaaacc	aatgtctaca	gcttattggg	gtggggggcta	ctgagacgaa	300

agacaccaac tcgtttctag agggctaaga actgcacttt aagaaagggc ggggaggtga 360
agggacccga gcaagaactt tcag 384

<210> 252
<211> 211
<212> DNA
<213> Homo sapien

<400> 252
aaagcagtct gaaaatggga catctgtaga gaaattcatt tccttcttct cctccggatg 60
tggaatggaa gctttgaggg aaggaaaagt aggaaaagag cgggatggga tgggatggga 120
tgggatggga tgggatagga agagaggctg gggaatgggc agagaagggg gtgctgagtg 180
tgctgtgaga tagagcaaga tcacaagaag g 211

<210> 253
<211> 135
<212> DNA
<213> Homo sapien

<400> 253
aaaaattggt tcttgacaag ctgacttggc acttaagtgc acttttttat gaagaaaaag 60
tacaatgaac tgcttttctt caagcaataa ttgtttccaa cttgtctggg aattgtgtgt 120
ctggtaactg gaagg 135

<210> 254
<211> 361
<212> DNA
<213> Homo sapien

<400> 254
cctgtagccc ctgctacaag ggaggttgaa gtgggaggat cacttgaacc aatgaggggtg 60
aggttacagt gagcccagat catgccacta ctctacaggc tgggtgataa gagtgagacc 120
ctgtatcaaa aaaaagacaa ggaaaaaaaa aactgggccg tttgtttttg cagaatgtct 180
ctcaatttgg actttttggg caggaatata atacaagtga taaaatgct tctttaacat 240
tagaacctgt ataaaattac cattacagac cttgctatct tacttatagg taaatcactg 300
tttaccaagg taagtctttt gggaatttcc aaaaatgaag tccatggaca gttaaaaact 360
g 361

<210> 255
<211> 331
<212> DNA
<213> Homo sapien

<400> 255
aaaaaaataa ataatccacc aacgtgattg accttggcga gatcatgttt ctagtctata 60
cctcagtttc cccatctgta aagtgaggat aatgtcccac cccatgtaac tgtggtgagg 120
accaactgca aactgtgcc tgcgagtctc cttggaaaag tgtaagggtc tacacaaatg 180
gaaagtgatc tgatcacact cagtgtcccc agcccagcct ttcagtggcc tggccctggg 240
gtgggggaca atactctcct cacccecttc actagtcttc atgaatagca aggaggccat 300
aacataattt ggtctaaacc ccttcctttt t 331

<210> 256
<211> 186
<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(186)

<223> n = A,T,C or G

<400> 256

cctttgggcc	cttgcacttt	gacctgcaat	ggggccacac	cagccttgct	tgtgtccacc	60
tggaaggact	gagggagggt	ggcacgaacc	atgcctgggc	tcaggccggg	cccanagcac	120
ttgaccttgg	acgcctctgt	cacatcatgc	acagggacct	tgaaaggact	gcctggcact	180
tgatgg						186

<210> 257

<211> 255

<212> DNA

<213> Homo sapien

<400> 257

ctgggggtccg	tcaccgacct	ttgggggaact	gggctacggg	gaccacaagc	ccaagtcttc	60
cactgcagcc	caggaggtaa	agactctgga	tggcattttc	tcagagcagg	tcgccatggg	120
ctactcacac	tccttgggtga	tagcaagaga	tgaaagtgag	actgagaaag	agaagatcaa	180
gaaactgcc	gaatacaacc	cccgaacct	ctgatgctcc	cagagactcc	tccgactcca	240
cacctctcgc	ggcag					255

<210> 258

<211> 604

<212> DNA

<213> Homo sapien

<400> 258

ctgaatttgc	aatggagttt	ggtggtgcaa	tcggtattga	ttagtttggc	atagacagat	60
gcagcagttt	agagcaaaat	cgagaaaatg	atTTTTTTTT	tcctccttga	tttcttggca	120
gaagatatct	tactttttca	gcaaactttt	cttttaacac	taaagcagcc	tagggcaatg	180
ccagatactt	agagcttttc	tcttgattat	aagtagaaat	gggggtgtct	gggctagagg	240
tggagggtgg	atgtgctgtc	gtcacagtct	agctggcagc	aagcaaggca	aaagcagaga	300
ctgctctaga	agcggttcca	agcagcagag	acgtcaggaa	aggcacttct	tagtaccac	360
ctctatgctt	taatagtgtc	ttgttaagct	gcttcattgg	ttgagacaaa	ctaccagcac	420
ttcaaagagc	tcagttctct	gctcaactct	cttctctagt	tacattattt	tttttccttc	480
aggagactga	ggcaggaaaa	tcgcttgaac	tcaggaggtc	gaggccgcag	tgagccaaga	540
tcacaccacc	gcactccagc	ctgggccttg	caaagtgcta	ggattacagg	aatgagccac	600
cagg						604

<210> 259

<211> 429

<212> DNA

<213> Homo sapien

<400> 259

aaaaatgtct	gtatcgagat	cttccagttt	gaagtcttcc	tcctctgtgt	cttcccaagg	60
ctctgtggca	agctccactg	gttctcccg	ttccatcaga	accactgact	tccacaatcc	120
tggctatccc	aagtacctgg	gcacccccca	cctggaaactg	tacttgagtg	actcacttag	180
aaacttgaac	aaagagcggc	aattccactt	cgctgggtatc	aggtcccgcc	tcaaccacat	240
gctggctatg	ctgtcaagga	gaacactctt	tactgaaaac	caccttggcc	ttcattctgg	300

caatttcagc agagttaatt tgcttgctgt tagagatgta gcactttatc cttcctatca 360
 gtaactgctc cgtgttcaga ctcttggttt cttccaggct tacagtggac atcatcagct 420
 tcttgcttt 429

<210> 260
 <211> 385
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 260
 ctgcaacaca tgcagcacca gtctcagcct tctcctcggc agcactcccc tgtcgccctct 60
 cagataacat cccccatccc tgccatcggt agcccccagc cagcctctca gcagcaccag 120
 tcgcaaatac agtctcagac acagactcaa gtattatcgc aggtcagtat tttctgaana 180
 cgcataatggc agacggattt gcgtatacca aggagagtgg cataggaggg aaaagcatat 240
 gtggctgaaa cctgtaagtt ggtgttggtt atgcagaaat gtgtaacaga tcaaacggtc 300
 ctctcaagtg tctattanat aggcaataag aactgcagtg tagctgagta acatctttta 360
 gctgactata aatcactttg ttttt 385

<210> 261
 <211> 230
 <212> DNA
 <213> Homo sapien

<400> 261
 ctgtactgga tccctccagg tggggggcagc tctcacctga ctattacaat agcctcctaa 60
 gtggtttccc tacttgcaac cttgcccgtg taatatctat cctccacaca gcaggcaggg 120
 cgatccttta agaatagaag ttagatcatg aaaatgctct gctctgatcc ctgcaaaaagc 180
 tcgccacctc cttacagtca ccgctgaact cgtagcagag gttcaggagg 230

<210> 262
 <211> 198
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 262
 atgttaagta aacatgaaat ctatataaca gaacaaaaat tcaactcttat gtcaatgtca 60
 gcgtgttaat gtagatctat ttactganac agactctgta gtggcagaga gtggccttgt 120
 taagccagga ccctgttctg caggctgtgg gtagaagcta ggaagtcctt ggagtttcac 180
 ccagcttttc catgaatg 198

<210> 263
 <211> 157
 <212> DNA
 <213> Homo sapien

```
<210> 264
<211> 290
<212> DNA
<213> Homo sapien
```

```
<210> 265
<211> 234
<212> DNA
<213> Homo sapien
```

```
<210> 266
<211> 335
<212> DNA
<213> Homo sapien
```

```
<210> 267
<211> 619
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G
```

<400> 267
tggagctctg acgaagggat cggggaggtg ctggagaagg aagactgcat gcaggccctg 60

agcgggccana	tcttcatggg	catggngtcc	tcccagttacc	aggcccggct	ggacatcgng	120
cgccctcattg	atgggcttgt	caacgcctgc	atccgctttg	tctacttctc	tttggaggat	180
gagctcaaaa	gcaaggtgtt	tgcanaaaaa	atgggcttgg	agacaggctg	gaactgccac	240
atctccctca	cacccaatgg	tgacatgcct	ggctccgaga	tccccccctc	cagccccagc	300
caagcaggct	ccctgcatga	tgacctgaat	cagggtgtccc	gagatgatgc	anaagggtc	360
ctcctcatgg	aggaggagg	ccactcggac	ctcatcagct	tccagcctac	ggacagcgac	420
atccccagct	tcttgaggga	ctccaaccgg	gccaagctgc	cccgggggat	ccaccaagtg	480
cgggccccacc	tgagaacat	tgacaacgtg	ccctgtctag	tgcccccttt	caccgactgc	540
acccanaga	ccatgtgtga	gatgataaag	atcatgcaan	agtacgggga	ggtgacctgc	600
tgccctgggca	nctctgcca					619

<210> 268
 <211> 147
 <212> DNA
 <213> Homo sapien

<400> 268	
cctataaacc	agacaccagc
cagtgcact	cttctaccac
tttttgtttt	tgttttacaa
acctttt	
	60
	120
	147

<210> 269
 <211> 325
 <212> DNA
 <213> Homo sapien

<400> 269	
ctgagctgta	ggaatgggtt
tctgtgcaca	agcactctgt
ggtaattggt	tctactttgt
ctcagttgct	aataccacac
tacagcagcc	aaagcatatt
cgaaaagctg	taccgcgcgt
ccgcc	
	60
	120
	180
	240
	300
	325

<210> 270
 <211> 428
 <212> DNA
 <213> Homo sapien

<400> 270	
aaacatatgg	taaattaccg
tgcaaactac	ggattcaatt
attggggggg	tgtgggtcacc
aatgcatgtg	tgtagagttg
atatccccctg	ccttatccct
acacatcaga	gcataagtgg
acaggatatt	gacatgggac
ctttattt	
	60
	120
	180
	240
	300
	360
	420
	428

<210> 271
 <211> 206
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 271
 cgccccggag cccacggngg ncatggctgg canagcgtc tgcattgctgg ggctggctct 60
 ggctttgctg tctccagct ctgctgagga gtacgtgggc ctgtctgcaa accagtngc 120
 cgtgccagcc aaggacaggg tggactgcgg ctacccccat gtcacccccca aggagtgcac 180
 caaccggggc tgctgctttg actcca 206

<210> 272
 <211> 83
 <212> DNA
 <213> Homo sapien

<400> 272
 ctggcttccc tgagaactca acaatgcctt ttcttgaggg ccttctctga tcatccacaa 60
 tgactacagc cctctctacc tgg 83

<210> 273
 <211> 472
 <212> DNA
 <213> Homo sapien

<400> 273
 ctggagaagg tgtgcagggg aaaccctgct gatgtcaccg aggccagggt gtctttctac 60
 tcgggacact cttccttttg gatgtactgc atggtgttct tggcgtgta tgtgcaggca 120
 cgactctgtt ggaagtgggc acggctgctg cgacccacag tccagttctt cctgggtggc 180
 tttgccctct acgtgggcta caccgcgtg tctgattaca aacaccactg gagcgatgct 240
 cttgttggcc tctgcagggg ggcactgggt gctgccctca ctgtctgcta catctcagac 300
 ttcttcaaag cccgaccccc acagcactgt ctgaaggagg aggagctgga acggaagccc 360
 agcctgtcac tgacgttgac cctgggcgag gctgaccaca accactatgg ataccgcac 420
 tctctctct gagggccggac cccgcccagg caggagagctg ctgtgagtcc ag 472

<210> 274
 <211> 205
 <212> DNA
 <213> Homo sapien

<400> 274
 ccaggcggcc cgaggactta cggtcggcac ttctctgttc tcccggtgca gcgtgtgggtg 60
 tcgctgcat gggtcgtacc tggatgggtg gtccaccatc gacacggagg ggctggattt 120
 gtttctcagg caatcctgta ttttaatttt agatgtattt cctgaagcat atttttcata 180
 gaatgtagcg tgtaaatagc ttttt 205

<210> 275
 <211> 308
 <212> DNA
 <213> Homo sapien

<400> 275
 ctctcgtccc tccccaccga catcatgctc cagttccagc ttggattttac actgggcaac 60
 gtggttggaa tgtatctggc tcagaactat gatatacaca acctgggctaa aaaacttgaa 120

006280 "E95T5350"

```
<210> 276
<211> 201
<212> DNA
<213> Homo sapien
```

```
<210> 277
<211> 520
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G
```

```
<210> 278
<211> 264
<212> DNA
<213> Homo sapien
```

```
<210> 279
<211> 414
<212> DNA
<213> Homo sapien
```

<400> 279
 aaacatacaa taatTTTTat tatggaaatt aatctttaca tacaaaatca gctacgtaat 60
 tttacttaca aaacaataaa aactgttctt tactgtggca acaaaagaag cattttgaca 120
 aatgaaaaaa attaatgcaa acaaattaaa acaatgcttt tctttttact tgcttcactg 180
 tctcttctat ttattttcta tgatcatttg acacaaacat ggattacttt gatattctact 240
 gaaacataaa tgataagggt cttaaagggt gaattaaaag tctgggtggt caatatttta 300
 gaagctgaat aaacaaaacg aaattggggt ttgtgattac agaggattta tcattttttc 360
 cctttgtcca tatgaaaata tataatagaa aattaccac gggaaaacat tttt 414

<210> 280
 <211> 262
 <212> DNA
 <213> Homo sapien

<400> 280
 ccaccatgcc tggcctgctt caatTTTTtg atgccacttt gtaaacggca cttatttatg 60
 gaaaatagga aaaagcaaaa ctaaaataag gaagaggata tatatataac ttttcacaat 120
 ctcttttctg atccccctta gatgcccgat caaccaggac cacacacaga tttcatttta 180
 tttgtagagt atatgaaaag atttaatagt ctcatgcatt ttattttacg tatactgatt 240
 tctacgtttt gactgactat tt 262

<210> 281
 <211> 349
 <212> DNA
 <213> Homo sapien

<400> 281
 ctgtgacccg ggtgcatcag tggatatagt tgtgtctccc catgggggtt taacagtctc 60
 tgcccaagac cgttttctga taatggctgc agaaatggaa cagtcactctg gcacaggccc 120
 agcagaatta actcagtttt ggaaagaagt tcccagaaac aaagtgatgg aacatagggtt 180
 aagatgccat actggtgaaa gcagtaaaac aaacactctt acgttaaaaag acaatgcttt 240
 caatatgtca gataaaaacca gtgaagatat atgtctacaa ctcatgcgtt tactagaaag 300
 caataggaag cttgaagacc aagttcagcg ttgtatctgg ttccagcag 349

<210> 282
 <211> 381
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 282
 aaacactaaa tgaagcttct cacaatttct aattataaac aaaaggctga aaacagtatg 60
 ggaaacaaag tttcaaaaaca aagaaaaggt gagtaaaaagg tgccccctct atggctcatc 120
 tgaaagaaac attttactca gagaggcaaa catttctgat ctaggagtaa gtttccact 180
 cactttgcaa ggaccactc attctgcana aagacctaca agtctttctg gtctcaattg 240
 caaagtacgt gaaaatgtgt atgaaagatc taaaagctaa atattagaat aaggctaatt 300
 gaaatcaaaa ttgtgtgctg gtctaaatat acatcttcgg cttcttcctt tttagtaagt 360
 atttttattt cagatgtatt t 381

<210> 283

<400> 283

```
<210> 284
<211> 147
<212> DNA
<213> Homo sapien
```

<400> 284

```
<210> 285
<211> 316
<212> DNA
<213> Homo sapien
```

<400> 285

```
<210> 286
<211> 322
<212> DNA
<213> Homo sapien
```

<400> 286

$\langle 210 \rangle$	287
$\langle 211 \rangle$	364

<212> DNA
<213> Homo sapien

<400> 287
ctgcccacgc tcaaaccaat tctggctgat atcgagtacc tgcaggacca gcacctcctg 60
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tccatgatcg gcagcacggc ccaacagttc ctgaccttcc tatcccaccg tggcgaggag 180
acaggcaata tcagaggctc catgaagggt cgggtgccca cggagcgctt gggcacccgt 240
gagcggctct acgagtggat cagcattgat aaggatgagg caggagcaaa gagcaaagcc 300
ccctctgtgt cccgagggag ccaggagccc aggtcaggga gccgcaagcc agccttcaca 360
gagg 364

<210> 288
<211> 261
<212> DNA
<213> Homo sapien

<400> 288
aaaattataa ctactcattc tttcttttagc cttagttaat ttgagcagaa gccacaacaa 60
gcaaaccaca ataaatttag aattggcaga aatccacatt aactcctctt cccaagtttc 120
cacactacta ccatttacag ttgtaggttt gtaatgtata attatgtaat gcagaaacta 180
gctttgactt gtgtaacgat gcactgtcaa agtaagcaaa gtaagaattg aaattccaca 240
ttcccagaat ttaacactca g 261

<210> 289
<211> 261
<212> DNA
<213> Homo sapien

<400> 289
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catcgttaca caagtcaaag ctagtttctg cattacataa ttatacatta caaacctaca 120
actgtaaatg gtagtagtgt ggaaacttgg gaagaggagt taatgtggat ttctgccaat 180
tctaaattta ttgtggtttg cttgttgtgg cttctgtctc aattaactaa ggctaaagaa 240
agaatgagta gttataattt t 261

<210> 290
<211> 92
<212> DNA
<213> Homo sapien

<400> 290
ccactacccg aacttacagg tgccaaaaga agaaagggtg taaacggaga ccacctatca 60
ctcatcagaa cctaggatca tcacattcct tt 92

<210> 291
<211> 287
<212> DNA
<213> Homo sapien

<400> 291
ccatgggtcc gctcagggcc ccggtcacct ccgagtcact ctgttccttg actgtctttg 60
tgtttctgta cctcaaggca ctgaagctgg aggactctgt ccatgcctgt gtcaccctcg 120
tgtgggagcc tctgggctcg gcaggtccac atttcatgag ctgaggcggtg ggccagggcc 180

006230 E3T3360

atctggaaag ggaactcggc tttccagaa cgtggtggat catctgtcgg gtgtgtgggtg 240
aacacgttca gttcatcagg gcctacgctc cgggaagggg cccccag 287

<210> 292
<211> 270
<212> DNA
<213> Homo sapien

<400> 292
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gccttctgct ggggtcaaagg tggccttttc tctccagcct tgaattgttc cctgttggct 120
tccaagggc ccactgtctg gtacagtcca cacttccaca gccaagacc gagagggctt 180
tcaactcccc aagcctctct cctgtgacct tgggattctg tcttggcaga atcctttgtc 240
agcggtctct actctgtcct tctgtttgg 270

<210> 293
<211> 333
<212> DNA
<213> Homo sapien

<400> 293
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acactggccc tgtggctggg gttactgttc cctatggaaa cagcacagca cctggctcag 120
ccctggacct ctactcgccc tgcaataata actgtgaatg ccaaaccgat tcttccactc 180
cagtgtgtgg ggcagatggc atcacctacc tgtctgcttg ctttgtctggc tgcaacagca 240
cgaatctcac gggtgtgctg tgccctacca ccgtccctgc tgagaacgca accgtgggtc 300
ctggaaaatg cccacgtcct gggtgccaag agg 333

<210> 294
<211> 123
<212> DNA
<213> Homo sapien

<400> 294
ctgatacaaa tacagaaaac tctgcccatt atccaagaaa caaataatta agactaaaat 60
gcaagctgat gtgttgacgc attgtagggc cactaaatag ccactctgtga ttcgtggcaa 120
ttt 123

<210> 295
<211> 311
<212> DNA
<213> Homo sapien

<400> 295
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ccacaaccag tgcctagggtg tgtgagaaga gtgatacaat aatactgtgg catggctcatt 120
tagctaattcc agtctaagcc taacagaaac cttttccatc aaagtttttc agagaataac 180
aacatctcat aagaggccag aggatggctt gtgcttaata tcacacctgt acagtagggc 240
agtgttccc aggtgtctg cttacatttt agcttgtctt acggttacat atggttttag 300
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<210> 296
<211> 241
<212> DNA

<213> Homo sapien

<400> 296

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cacttggggg	tactggcg	cattgtccaa	gggctggacc	tgtaccgagc	ctcgggtaaa	120
tttgagcttc	ttgatagaat	tcttcccaa	ctccgagcaa	ccaaccacaa	agtgtgtctg	180
ttctgccaaa	tgacctccct	catgaccatc	atggaagatt	actttgcgta	tcgcggtctt	240
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<210> 297

<211> 295

<212> DNA

<213> Homo sapien

<400> 297

aaacacaaga	tgaaaatact	ctgtttctgtc	caaagcatca	cctaattggtg	tgaggcatct	60
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aaccttttgg	caatgggcta	attgccttaa	aagaagagtt	ctacctgaaa	gaccttgcag	180
gtggagaaat	tgtcctacaa	agattcttgg	atatgttagt	ggagataact	gacatgggta	240
gctgtgggtc	aaccaggaac	tgtcaacaac	ctgatctctg	caaaaccagg	atgga	295

<210> 298

<211> 347

<212> DNA

<213> Homo sapien

<400> 298

ccaaaataaa	gcttcaggca	agaggcaaag	atccagtgga	atatgggaga	atggtggagg	60
accaacacct	gctacccag	agagcttttc	taaaaaaagc	aagaaagcag	tcatgagtgg	120
tattcacctt	gcagaagaca	cggaaggtag	tgagtttgag	ccagagggac	ttccagaagt	180
tgtaaagaaa	gggtttgctg	acatcccgac	aggaaagact	agcccatata	tctgtcgaag	240
aacaaccatg	gcaactcgga	ccagcccccg	cctggctgca	cagaagttag	cgctatcccc	300
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<210> 299

<211> 268

<212> DNA

<213> Homo sapien

<400> 299

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gaaaacacat	gaccttttgc	agtatagtgt	gataccgaag	taaaagtga	agaaataaat	120
gcaggaaagt	ttaagtggat	gtaagttttt	ataaggaaag	taataagagg	aggctgtttt	180
tgaaggctct	ttgatcttcc	atgatgataa	tatcgttgca	aagttcttta	acttgtattc	240
aagtaattag	cagttgacca	cttggttt				268

<210> 300

<211> 185

<212> DNA

<213> Homo sapien

<400> 300

aaattggaga	aggaagtgtt	cctgaagagc	cagaatcctt	gctaagtcac	ttagatocaa	60
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agcctcagaa atggcctttc tgtggtgaag aaagaggtct cggaggaagt tgcggagctc 180
agcag 185

<210> 301
<211> 75
<212> DNA
<213> Homo sapien

<400> 301
aaaattggaa agtgggataa gaaatctaaa gtaaccagct tatctttgaa acaatattat 60
tttgaaattg gcttt 75

<210> 302
<211> 247
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 302
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tgatctcagc actgaacgat ttcaagccct acgcaccana acagaaggag ggtggaggaa 180
gtgatcanag ggaacgagct gtaggtttgc anaaatgtgt gaaacaaaaa tgatcactgc 240
ctacttg 247

<210> 303
<211> 535
<212> DNA
<213> Homo sapien

<400> 303
ctgcttcaga ggaaatcact gaaaaataaa gaaaaacccat ccatgcatgg ctgcatccag 60
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tttcagagag agactttatt gcaactgtga ccaccgtcac tggtagcac tgctgttcgg 180
ccccagcgg acttaaaaga ctggaatgtg gtagtgccgg tcgttctcgg tcagcagggg 240
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caaaggatca gaggatgtct ccctggaaaa caggagtcta aaaagactgg gaatgacctt 480
tttagtcttc atttgttcat aaacttcagt gacttgatac agcatgatga acttt 535

<210> 304
<211> 522
<212> DNA
<213> Homo sapien

<400> 304
ccgcgctcgg tctacaatca cgttttatta ttggctcgtc tagtcatggg atagagaagg 60
taaatagcaa aatagaaaga aaagggggaa aaggtagaag gcaaggggaa aactattggg 120
tttagatctt tatcctggtc ctgtcaatga tcaggtaatt ggaaggatca aaattaggcc 180

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<210> 305
<211> 165
<212> DNA
<213> Homo sapien
```

```
<210> 306
<211> 294
<212> DNA
<213> Homo sapien
```

```
<210> 307
<211> 181
<212> DNA
<213> Homo sapien
```

```
<210> 308
<211> 179
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G
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<400> 308						
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aaaataactgg	atctgctgaa	cgaaggctca	gcccagatc	tccgcagtct	tcagcgcatt	120
ggcccgaaga	aggcccanct	aatcgtgggc	tggcgggagc	tccacggccc	cttcagcca	179

<210> 309
 <211> 129
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 309
 ctgcccgcgtt gcccgtagct gactcagntt cctcatcttc atctccatcc tcttcctcac 60
 catcaccttc ttcttctctc tctcttctct cccacacctc ttctctctct tegtctacct 120
 cattgtcag 129

<210> 310
 <211> 390
 <212> DNA
 <213> Homo sapien

<400> 310
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 tgagagtcag ctctctgccc tgtgtacttc ccgggccagg gctgccccta atctctgtag 120
 gaaccgtggt atgtctgcat gttgcccctt tctcttttcc cctttcctgt cccaccatac 180
 gaggacctcc agcctgaaca gaagctctta ctctttccta ttccagtgtt acctgtgtgc 240
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 gtcaaatatc agttaccac tccgtcccag ttttggtgcc ccagaaaggg atgttattat 360
 ccttgggggc tcccagggca aggggttaagg 390

<210> 311
 <211> 355
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 311
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 gctatangga naaaaattct tccagttcca cccnancctc tctaaacatt tggctcactc 180
 aaaacaaaaa gncaccaatc ttantactgc tgaacttcat ttatgtnacc taacattaac 240
 cntcgtagga aaaccaaata gccctctcgt ncangatatg ttgctaaagg actacctgtg 300
 tcaacacaac ggctccggtg tgtgaactcc tgtttgggtg attcccctac tctca 355

<210> 312
 <211> 498
 <212> DNA
 <213> Homo sapien

<400> 312

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<210> 313
<211> 653
<212> DNA
<213> Homo sapien
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```
<210> 314
<211> 513
<212> DNA
<213> Homo sapien
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```
<210> 315
<211> 222
<212> DNA
<213> Homo sapien
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<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G
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<400> 315

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caaaaataga aaattttcta gtccatccta atctgaatgg tgctgtttct atattgggtca	120
ttgccttgca aacaggagct ccacaaaagc caggaagaga gactgcctcc ttggctgaaa	180
gagtcctttc aggaaggtgg actgcattgg tttgatatgt tt	222

<210> 316

<211> 1633

<212> DNA

<213> Homo sapiens

<400> 316

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ccagactagc gaacaatata gtcgggatgg ctaaagggtga cccaagaaa ccaaagggca	120
agacgtccgc ttatgccttc tttgtgcaga catgcagaga agaacataag aagaaaaacc	180
cagaggcccc tgtcaatttt ggcgaatttt ccaagaagtg ctctgagagg tggaagacgg	240
tgtccgggaa agagaaatcc aaatttgatg aaatggcaaa ggcagataaa gtgcgctatg	300
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aatccacaaa ccccgccatc tctattggag acgtggcaaa aaagctgggt gagatgtgga	480
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<210> 317

<211> 4235

<212> DNA

<213> Homo sapiens

<400> 317

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ttcaggccag gccttgatg gtatactgta aattcagcat atggagatac cattatcata	120
ccttgccgac ttgacgtacc tcagaatctc atgtttggca aatggaaata tgaaaagccc	180
gatggctccc cagtatttat tgccttcaga tctctacaa agaaaagtgt gcagtacgac	240
gatgtaccag aatacaaaga cagattgaac ctctcagaaa actacacttt gtctatcagt	300
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<210> 318
<211> 3347
<212> DNA
<213> Homo sapiens
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aggaggaaga	ggaagacaat	ctagaatatg	atagtgcagg	aaatccaatt	gcacctacca	240
aaaaaatcat	tgatcctctt	ccccccattg	atcattcaga	gattgactat	ccaccatttg	300
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<211> 3132

<212> DNA

<213> Homo sapiens

<400> 320

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<211> 2280

<212> DNA

<213> Homo sapiens

<400> 321

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<211> 1398

<212> DNA

<213> Homo sapiens

<400> 322

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<211> 1316

<212> DNA

<213> Homo sapiens

<400> 323

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<211> 200
<212> PRT
<213> Homo sapiens

<400> 324

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Glu Val Pro Val Asn Phe Ala Glu Phe Ser Lys Lys Cys Ser Glu Arg
35 40 45

Trp Lys Thr Val Ser Gly Lys Glu Lys Ser Lys Phe Asp Glu Met Ala
50 55 60

Lys Ala Asp Lys Val Arg Tyr Asp Arg Glu Met Lys Asp Tyr Gly Pro
65 70 75 80

Ala Lys Gly Gly Lys Lys Lys Lys Asp Pro Asn Ala Pro Lys Arg Pro
85 90 95

Pro Ser Gly Phe Phe Leu Phe Cys Ser Glu Phe Arg Pro Lys Ile Lys
100 105 110

Ser Thr Asn Pro Gly Ile Ser Ile Gly Asp Val Ala Lys Lys Leu Gly
115 120 125

Glu Met Trp Asn Asn Leu Asn Asp Ser Glu Lys Gln Pro Tyr Ile Thr
130 135 140

Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Val Ala Asp Tyr
145 150 155 160

Lys Ser Lys Gly Lys Phe Asp Gly Ala Lys Gly Pro Ala Lys Val Ala
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180 185 190

Glu Glu Glu Glu Glu Glu Asp Glu
195 200

00651563-062900

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Ser	Ala	Thr	Val	Gly	Leu	Lys	Ser	Lys	Thr	His	Ala	Val	Leu	Val	Ala	
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Leu	Lys	Arg	Ala	Gln	Ser	Glu	Leu	Ala	Ala	His	Gln	Lys	Lys	Ile	Leu	
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His	Val	Asp	Asn	His	Ile	Gly	Ile	Ser	Ile	Ala	Gly	Leu	Thr	Ala	Asp	
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Phe	Val	Phe	Asp	Arg	Pro	Leu	Pro	Val	Ser	Arg	Leu	Val	Ser	Leu	Ile	
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Gly	Ser	Lys	Thr	Gln	Ile	Pro	Thr	Gln	Arg	Tyr	Gly	Arg	Arg	Pro	Tyr	
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Ala Asp Glu Pro Met Glu His
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<210> 326
<211> 539
<212> PRT
<213> Homo sapiens

<400> 326
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Ile Arg Phe Ser Asn Ile Ser Ala Ala Lys Ala Val Ala Asp Ala Ile
35 40 45

Arg Thr Ser Leu Gly Pro Lys Gly Met Asp Lys Met Ile Gln Asp Gly
50 55 60

Lys Gly Asp Val Thr Ile Thr Asn Asp Gly Ala Thr Ile Leu Lys Gln
65 70 75 80

Met Gln Val Leu His Pro Ala Ala Arg Met Leu Val Glu Leu Ser Lys
85 90 95

Ala Gln Asp Ile Glu Ala Gly Asp Gly Thr Thr Ser Val Val Ile Ile
100 105 110

Ala Gly Ser Leu Leu Asp Ser Cys Thr Lys Leu Leu Gln Lys Gly Ile
115 120 125

His Pro Thr Ile Ile Ser Glu Ser Phe Gln Lys Ala Leu Glu Lys Gly
130 135 140

Ile Glu Ile Leu Thr Asp Met Ser Arg Pro Val Glu Leu Ser Asp Arg
145 150 155 160

Glu Thr Leu Leu Asn Ser Ala Thr Thr Ser Leu Asn Ser Lys Val Val
165 170 175

Ser Gln Tyr Ser Ser Leu Leu Ser Pro Met Ser Val Asn Ala Val Met
180 185 190

Lys Val Ile Asp Pro Ala Thr Ala Thr Ser Val Asp Leu Arg Asp Ile
195 200 205

Lys Ile Val Lys Lys Leu Gly Gly Thr Ile Asp Asp Cys Glu Leu Val
210 215 220

Glu Gly Leu Val Leu Thr Gln Lys Val Ser Asn Ser Gly Ile Thr Arg
225 230 235 240

006390-035T560

Val Glu Lys Ala Lys Ile Gly Leu Ile Gln Phe Cys Leu Ser Ala Pro
 245 250 255
 Lys Thr Asp Met Asp Asn Gln Ile Val Val Ser Asp Tyr Ala Gln Met
 260 265 270
 Asp Arg Val Leu Arg Glu Glu Arg Ala Tyr Ile Leu Asn Leu Val Lys
 275 280 285
 Gln Ile Lys Lys Thr Gly Cys Asn Val Leu Leu Ile Gln Lys Ser Ile
 290 295 300
 Leu Arg Asp Ala Leu Ser Asp Leu Ala Leu His Phe Leu Asn Lys Met
 305 310 315 320
 Lys Ile Met Val Ile Lys Asp Ile Glu Arg Glu Asp Ile Glu Phe Ile
 325 330 335
 Cys Lys Thr Ile Gly Thr Lys Pro Val Ala His Ile Asp Gln Phe Thr
 340 345 350
 Ala Asp Met Leu Gly Ser Ala Glu Leu Ala Glu Glu Val Asn Leu Asn
 355 360 365
 Gly Ser Gly Lys Leu Leu Lys Ile Thr Gly Cys Ala Ser Pro Gly Lys
 370 375 380
 Thr Val Thr Ile Val Val Arg Gly Ser Asn Lys Leu Val Ile Glu Glu
 385 390 395 400
 Ala Glu Arg Ser Ile His Asp Ala Leu Cys Val Ile Arg Cys Leu Val
 405 410 415
 Lys Lys Arg Ala Leu Ile Ala Gly Gly Gly Ala Pro Glu Ile Glu Leu
 420 425 430
 Ala Leu Arg Leu Thr Glu Tyr Ser Arg Thr Leu Ser Gly Met Glu Ser
 435 440 445
 Tyr Cys Val Arg Ala Phe Ala Asp Ala Met Glu Val Ile Pro Ser Thr
 450 455 460
 Leu Ala Glu Asn Ala Gly Leu Asn Pro Ile Ser Thr Val Thr Glu Leu
 465 470 475 480
 Arg Asn Arg His Ala Gln Gly Glu Lys Thr Ala Gly Ile Asn Val Arg
 485 490 495
 Lys Gly Gly Ile Ser Asn Ile Leu Glu Glu Leu Val Val Gln Pro Leu
 500 505 510
 Leu Val Ser Val Ser Ala Leu Thr Leu Ala Thr Glu Thr Val Arg Ser
 515 520 525

00651593 082900

Asp	Leu	Pro	Glu	Asp	Val	Lys	Trp	Ile	Asp	Ile	Thr	Pro	Asp	Met	Met
145					150					155					160

Val Gln Glu Arg Pro Leu Asp Val Asp Cys Lys Arg Leu Ser Pro Asp
165 170 175

Arg Cys Lys Cys Lys Lys Val Lys Pro Thr Leu Ala Thr Tyr Leu Ser
180 185 190

Lys Asn Tyr Ser Tyr Val Ile His Ala Lys Ile Lys Ala Val Gln Arg
195 200 205

Ser Gly Cys Asn Glu Val Thr Thr Val Val Asp Val Lys Glu Ile Phe
210 215 220

Lys Ser Ser Ser Pro Ile Pro Arg Thr Gln Val Pro Leu Ile Thr Asn
225 230 235 240

Ser Ser Cys Gln Cys Pro His Ile Leu Pro His Gln Asp Val Leu Ile
245 250 255

Met Cys Tyr Glu Trp Arg Ser Arg Met Met Leu Leu Glu Asn Cys Leu
260 265 270

Val Glu Lys Trp Arg Asp Gln Leu Ser Lys Arg Ser Ile Gln Trp Glu
275 280 285

Glu Arg Leu Gln Glu Gln Arg Arg Thr Val Gln Asp Lys Lys Lys Thr
290 295 300

Ala Gly Arg Thr Ser Arg Ser Asn Pro Pro Lys Pro Lys Gly Lys Pro
305 310 315 320

Pro Ala Pro Lys Pro Ala Ser Pro Lys Lys Asn Ile Lys Thr Arg Ser
325 330 335

Ala Gln Lys Arg Thr Asn Pro Lys Arg Val
340 345

<210> 330

<211> 826

<212> PRT

<213> Homo sapiens

<400> 330

Met Glu Gly Ala Gly Gly Ala Asn Asp Lys Lys Lys Ile Ser Ser Glu
5 10 15

Arg Arg Lys Glu Lys Ser Arg Asp Ala Ala Arg Ser Arg Arg Ser Lys
20 25 30

Glu Ser Glu Val Phe Tyr Glu Leu Ala His Gln Leu Pro Leu Pro His
35 40 45

Asn Val Ser Ser His Leu Asp Lys Ala Ser Val Met Arg Leu Thr Ile

00651563-082900

50	55	60
Ser Tyr Leu Arg Val Arg Lys Leu Leu Asp Ala Gly Asp Leu Asp Ile 65 70 75 80		
Glu Asp Asp Met Lys Ala Gln Met Asn Cys Phe Tyr Leu Lys Ala Leu 85 90 95		
Asp Gly Phe Val Met Val Leu Thr Asp Asp Gly Asp Met Ile Tyr Ile 100 105 110		
Ser Asp Asn Val Asn Lys Tyr Met Gly Leu Thr Gln Phe Glu Leu Thr 115 120 125		
Gly His Ser Val Phe Asp Phe Thr His Pro Cys Asp His Glu Glu Met 130 135 140		
Arg Glu Met Leu Thr His Arg Asn Gly Leu Val Lys Lys Gly Lys Glu 145 150 155 160		
Gln Asn Thr Gln Arg Ser Phe Phe Leu Arg Met Lys Cys Thr Leu Thr 165 170 175		
Ser Arg Gly Arg Thr Met Asn Ile Lys Ser Ala Thr Trp Lys Val Leu 180 185 190		
His Cys Thr Gly His Ile His Val Tyr Asp Thr Asn Ser Asn Gln Pro 195 200 205		
Gln Cys Gly Tyr Lys Lys Pro Pro Met Thr Cys Leu Val Leu Ile Cys 210 215 220		
Glu Pro Ile Pro His Pro Ser Asn Ile Glu Ile Pro Leu Asp Ser Lys 225 230 235 240		
Thr Phe Leu Ser Arg His Ser Leu Asp Met Lys Phe Ser Tyr Cys Asp 245 250 255		
Glu Arg Ile Thr Glu Leu Met Gly Tyr Glu Pro Glu Glu Leu Leu Gly 260 265 270		
Arg Ser Ile Tyr Glu Tyr Tyr His Ala Leu Asp Ser Asp His Leu Thr 275 280 285		
Lys Thr His His Asp Met Phe Thr Lys Gly Gln Val Thr Thr Gly Gln 290 295 300		
Tyr Arg Met Leu Ala Lys Arg Gly Gly Tyr Val Trp Val Glu Thr Gln 305 310 315 320		
Ala Thr Val Ile Tyr Asn Thr Lys Asn Ser Gln Pro Gln Cys Ile Val 325 330 335		
Cys Val Asn Tyr Val Val Ser Gly Ile Ile Gln His Asp Leu Ile Phe		

00654631 082900

340	345	350
Ser Leu Gln Gln Thr Glu Cys Val	Leu Lys Pro Val	Glu Ser Ser Asp
355	360	365
Met Lys Met Thr Gln Leu Phe Thr	Lys Val Glu Ser	Glu Asp Thr Ser
370	375	380
Ser Leu Phe Asp Lys Leu Lys Lys	Glu Pro Asp Ala Leu Thr	Leu Leu
385	390	395 400
Ala Pro Ala Ala Gly Asp Thr Ile	Ile Ser Leu Asp Phe Gly	Ser Asn
405	410	415
Asp Thr Glu Thr Asp Asp Gln Gln	Leu Glu Glu Val Pro Leu Tyr	Asn
420	425	430
Asp Val Met Leu Pro Ser Pro Asn	Glu Lys Leu Gln Asn Ile Asn	Leu
435	440	445
Ala Met Ser Pro Leu Pro Thr Ala	Glu Thr Pro Lys Pro Leu Arg	Ser
450	455	460
Ser Ala Asp Pro Ala Leu Asn Gln	Glu Val Ala Leu Lys Leu Glu	Pro
465	470	475 480
Asn Pro Glu Ser Leu Glu Leu Ser	Phe Thr Met Pro Gln Ile Gln	Asp
485	490	495
Gln Thr Pro Ser Pro Ser Asp Gly	Ser Thr Arg Gln Ser Ser Pro	Glu
500	505	510
Pro Asn Ser Pro Ser Glu Tyr Cys	Phe Tyr Val Asp Ser Asp Met	Val
515	520	525
Asn Glu Phe Lys Leu Glu Leu Val	Glu Lys Leu Phe Ala Glu Asp	Thr
530	535	540
Glu Ala Lys Asn Pro Phe Ser Thr	Gln Asp Thr Asp Leu Asp Leu	Glu
545	550	555 560
Met Leu Ala Pro Tyr Ile Pro Met	Asp Asp Phe Gln Leu Arg	Ser
565	570	575
Phe Asp Gln Leu Ser Pro Leu Glu	Ser Ser Ser Ala Ser Pro Glu	Ser
580	585	590
Ala Ser Pro Gln Ser Thr Val Thr	Val Phe Gln Gln Thr Gln Ile	Gln
595	600	605
Glu Pro Thr Ala Asn Ala Thr Thr	Thr Thr Ala Thr Thr Asp Glu	Leu
610	615	620
Lys Thr Val Thr Lys Asp Arg Met	Glu Asp Ile Lys Ile Leu Ile	Ala

005100-000000

625 630 635 640
 Ser Pro Ser Pro Thr His Ile His Lys Glu Thr Thr Ser Ala Thr Ser
 645 650 655
 Ser Pro Tyr Arg Asp Thr Gln Ser Arg Thr Ala Ser Pro Asn Arg Ala
 660 665 670
 Gly Lys Gly Val Ile Glu Gln Thr Glu Lys Ser His Pro Arg Ser Pro
 675 680 685
 Asn Val Leu Ser Val Ala Leu Ser Gln Arg Thr Thr Val Pro Glu Glu
 690 695 700
 Glu Leu Asn Pro Lys Ile Leu Ala Leu Gln Asn Ala Gln Arg Lys Arg
 705 710 715 720
 Lys Met Glu His Asp Gly Ser Leu Phe Gln Ala Val Gly Ile Gly Thr
 725 730 735
 Leu Leu Gln Gln Pro Asp Asp His Ala Ala Thr Thr Ser Leu Ser Trp
 740 745 750
 Lys Arg Val Lys Gly Cys Lys Ser Ser Glu Gln Asn Gly Met Glu Gln
 755 760 765
 Lys Thr Ile Ile Leu Ile Pro Ser Asp Leu Ala Cys Arg Leu Leu Gly
 770 775 780
 Gln Ser Met Asp Glu Ser Gly Leu Pro Gln Leu Thr Ser Tyr Asp Cys
 785 790 795 800
 Glu Val Asn Ala Pro Ile Gln Gly Ser Arg Asn Leu Leu Gln Gly Glu
 805 810 815
 Glu Leu Leu Arg Ala Leu Asp Gln Val Asn
 820 825

<210> 331

<211> 92

<212> PRT

<213> Homo sapiens

<400> 331

Met Ala Tyr Arg Gly Gln Gly Gln Lys Val Gln Lys Val Met Val Gln
 5 10 15

Pro Ile Asn Leu Ile Phe Arg Tyr Leu Gln Asn Arg Ser Arg Ile Gln
 20 25 30

Val Trp Leu Tyr Glu Gln Val Asn Met Arg Ile Glu Gly Cys Ile Ile
 35 40 45

006563 022900

Gly Phe Asp Glu Tyr Met Asn Leu Val Leu Asp Asp Ala Glu Glu Ile
50 55 60

His Ser Lys Thr Lys Ser Arg Lys Gln Leu Gly Arg Ile Met Leu Lys
65 70 75 80

Gly Asp Asn Ile Thr Leu Leu Gln Ser Val Ser Asn
85 90

<210> 332

<211> 235

<212> PRT

<213> Homo sapiens

<400> 332

Met Asp Pro Ala Arg Pro Leu Gly Leu Ser Ile Leu Leu Leu Phe Leu
5 10 15

Thr Glu Ala Ala Leu Gly Asp Ala Ala Gln Glu Pro Thr Gly Asn Asn
20 25 30

Ala Glu Ile Cys Leu Leu Pro Leu Asp Tyr Gly Pro Cys Arg Ala Leu
35 40 45

Leu Leu Arg Tyr Tyr Tyr Asp Arg Tyr Thr Gln Ser Cys Arg Gln Phe
50 55 60

Leu Tyr Gly Gly Cys Glu Gly Asn Ala Asn Asn Phe Tyr Thr Trp Glu
65 70 75 80

Ala Cys Asp Asp Ala Cys Trp Arg Ile Glu Lys Val Pro Lys Val Cys
85 90 95

Arg Leu Gln Val Ser Val Asp Asp Gln Cys Glu Gly Ser Thr Glu Lys
100 105 110

Tyr Phe Phe Asn Leu Ser Ser Met Thr Cys Glu Lys Phe Phe Ser Gly
115 120 125

Gly Cys His Arg Asn Arg Ile Glu Asn Arg Phe Pro Asp Glu Ala Thr
130 135 140

Cys Met Gly Phe Cys Ala Pro Lys Lys Ile Pro Ser Phe Cys Tyr Ser
145 150 155 160

Pro Lys Asp Glu Gly Leu Cys Ser Ala Asn Val Thr Arg Tyr Tyr Phe
165 170 175

Asn Pro Arg Tyr Arg Thr Cys Asp Ala Phe Thr Tyr Thr Gly Cys Gly
180 185 190

Gly Asn Asp Asn Asn Phe Val Ser Arg Glu Asp Cys Lys Arg Ala Cys
195 200 205

006220 "EAT" 960

Ala Lys Ala Leu Lys Lys Lys Lys Lys Met Pro Lys Leu Arg Phe Ala
 210 215 220

Ser Arg Ile Arg Lys Ile Arg Lys Lys Gln Phe
 225 230 235

<210> 333
 <211> 291
 <212> PRT
 <213> Homo sapiens

<400> 333
 Met Gln Arg Ala Arg Pro Thr Leu Trp Ala Ala Ala Leu Thr Leu Leu
 5 10 15

Val Leu Leu Arg Gly Pro Pro Val Ala Arg Ala Gly Ala Ser Ser Gly
 20 25 30

Gly Leu Gly Pro Val Val Arg Cys Glu Pro Cys Asp Ala Arg Ala Leu
 35 40 45

Ala Gln Cys Ala Pro Pro Pro Ala Val Cys Ala Glu Leu Val Arg Glu
 50 55 60

Pro Gly Cys Gly Cys Cys Leu Thr Cys Ala Leu Ser Glu Gly Gln Pro
 65 70 75 80

Cys Gly Ile Tyr Thr Glu Arg Cys Gly Ser Gly Leu Arg Cys Gln Pro
 85 90 95

Ser Pro Asp Glu Ala Arg Pro Leu Gln Ala Leu Leu Asp Gly Arg Gly
 100 105 110

Leu Cys Val Asn Ala Ser Ala Val Ser Arg Leu Arg Ala Tyr Leu Leu
 115 120 125

Pro Ala Pro Pro Ala Pro Gly Asn Ala Ser Glu Ser Glu Glu Asp Arg
 130 135 140

Ser Ala Gly Ser Val Glu Ser Pro Ser Val Ser Ser Thr His Arg Val
 145 150 155 160

Ser Asp Pro Lys Phe His Pro Leu His Ser Lys Ile Ile Ile Ile Lys
 165 170 175

Lys Gly His Ala Lys Asp Ser Gln Arg Tyr Lys Val Asp Tyr Glu Ser
 180 185 190

Gln Ser Thr Asp Thr Gln Asn Phe Ser Ser Glu Ser Lys Arg Glu Thr
 195 200 205

Glu Tyr Gly Pro Cys Arg Arg Glu Met Glu Asp Thr Leu Asn His Leu
 210 215 220

0065453 032000

Lys Phe Leu Asn Val Leu Ser Pro Arg Gly Val His Ile Pro Asn Cys
225 230 235 240

Asp Lys Lys Gly Phe Tyr Lys Lys Lys Gln Cys Arg Pro Ser Lys Gly
245 250 255

Arg Lys Arg Gly Phe Cys Trp Cys Val Asp Lys Tyr Gly Gln Pro Leu
260 265 270

Pro Gly Tyr Thr Thr Lys Gly Lys Glu Asp Val His Cys Tyr Ser Met
275 280 285

Gln Ser Lys
290

<210> 334
<211> 582
<212> PRT
<213> Homo sapiens

<400> 334
Glu Ser Lys Gly Ala Ser Ser Cys Arg Leu Leu Phe Cys Leu Leu Ile
5 10 15

Ser Ala Thr Val Phe Arg Pro Gly Leu Gly Trp Tyr Thr Val Asn Ser
20 25 30

Ala Tyr Gly Asp Thr Ile Ile Ile Pro Cys Arg Leu Asp Val Pro Gln
35 40 45

Asn Leu Met Phe Gly Lys Trp Lys Tyr Glu Lys Pro Asp Gly Ser Pro
50 55 60

Val Phe Ile Ala Phe Arg Ser Ser Thr Lys Lys Ser Val Gln Tyr Asp
65 70 75 80

Asp Val Pro Glu Tyr Lys Asp Arg Leu Asn Leu Ser Glu Asn Tyr Thr
85 90 95

Leu Ser Ile Ser Asn Ala Arg Ile Ser Asp Glu Lys Arg Phe Val Cys
100 105 110

Met Leu Val Thr Glu Asp Asn Val Phe Glu Ala Pro Thr Ile Val Lys
115 120 125

Val Phe Lys Gln Pro Ser Lys Pro Glu Ile Val Ser Lys Ala Leu Phe
130 135 140

Leu Glu Thr Glu Gln Leu Lys Lys Leu Gly Asp Cys Ile Ser Glu Asp
145 150 155 160

Ser Tyr Pro Asp Gly Asn Ile Thr Trp Tyr Arg Asn Gly Lys Val Leu

00651563.032000

				165				170				175			
His	Pro	Leu	Glu 180	Gly	Ala	Val	Val	Ile 185	Ile	Phe	Lys	Lys	Glu 190	Met	Asp
Pro	Val	Thr 195	Gln	Leu	Tyr	Thr	Met 200	Thr	Ser	Thr	Leu	Glu 205	Tyr	Lys	Thr
Thr	Lys 210	Ala	Asp	Ile	Gln	Met 215	Pro	Phe	Thr	Cys	Ser 220	Val	Thr	Tyr	Tyr
Gly 225	Pro	Ser	Gly	Gln	Lys 230	Thr	Ile	His	Ser 235	Glu	Gln	Ala	Val	Phe	Asp 240
Ile	Tyr	Tyr	Pro	Thr 245	Glu	Gln	Val	Thr 250	Ile	Gln	Val	Leu	Pro	Pro 255	Lys
Asn	Ala	Ile	Lys 260	Glu	Gly	Asp	Asn 265	Ile	Thr	Leu	Lys	Cys	Leu 270	Gly	Asn
Gly	Asn 275	Pro	Pro	Pro	Glu	Glu	Phe 280	Leu	Phe	Tyr	Leu	Pro 285	Gly	Gln	Pro
Glu 290	Gly	Ile	Arg	Ser	Ser 295	Asn	Thr	Tyr	Thr	Leu	Thr 300	Asp	Val	Arg	Arg
Asn 305	Ala	Thr	Gly	Asp 310	Tyr	Lys	Cys	Ser	Leu	Ile 315	Asp	Lys	Lys	Ser	Met 320
Ile	Ala	Ser	Thr	Ala 325	Ile	Thr	Val	His	Tyr 330	Leu	Asp	Leu	Ser	Leu 335	Asn
Pro	Ser	Gly 340	Glu	Val	Thr	Arg	Gln	Ile 345	Gly	Asp	Ala	Leu	Pro 350	Val	Ser
Cys	Thr 355	Ile	Ser	Ala	Ser	Arg	Asn 360	Ala	Thr	Val	Val 365	Trp	Met	Lys	Asp
Asn 370	Ile	Arg	Leu	Arg	Ser 375	Ser	Pro	Ser	Phe	Ser	Ser 380	Leu	His	Tyr	Gln
Asp 385	Ala	Gly	Asn	Tyr 390	Val	Cys	Glu	Thr	Ala	Leu 395	Gln	Glu	Val	Glu	Gly 400
Leu	Lys	Lys	Arg	Glu 405	Ser	Leu	Thr	Leu	Ile 410	Val	Glu	Gly	Lys	Pro 415	Gln
Ile	Lys	Met 420	Thr	Lys	Lys	Thr	Asp 425	Pro	Ser	Gly	Leu	Ser	Lys 430	Thr	Ile
Ile	Cys 435	His	Val	Glu	Gly	Phe	Pro 440	Lys	Pro	Ala	Ile	Gln 445	Trp	Thr	Ile
Thr	Gly	Ser	Gly	Ser	Val	Ile	Asn	Gln	Thr	Glu	Glu	Ser	Pro	Tyr	Ile

450 455 460
 Asn Gly Arg Tyr Tyr Ser Lys Ile Ile Ile Ser Pro Glu Glu Asn Val
 465 470 475 480
 Thr Leu Thr Cys Thr Ala Glu Asn Gln Leu Glu Arg Thr Val Asn Ser
 485 490 495
 Leu Asn Val Ser Ala Ile Ser Ile Pro Glu His Asp Glu Ala Asp Glu
 500 505 510
 Ile Ser Asp Glu Asn Arg Glu Lys Val Asn Asp Gln Ala Lys Leu Ile
 515 520 525
 Val Gly Ile Val Val Gly Leu Leu Leu Ala Ala Leu Val Ala Gly Val
 530 535 540
 Val Tyr Trp Leu Tyr Met Lys Lys Ser Lys Thr Ala Ser Lys His Val
 545 550 555 560
 Asn Lys Asp Leu Gly Asn Met Glu Glu Asn Lys Lys Leu Glu Glu Asn
 565 570 575
 Asn His Lys Thr Glu Ala
 580

 <210> 335
 <211> 709
 <212> PRT
 <213> Homo sapiens

 <400> 335
 Met Ala Glu Val Glu Asp Gln Ala Ala Arg Asp Met Lys Arg Leu Glu
 5 10 15
 Glu Lys Asp Lys Glu Arg Lys Asn Val Lys Gly Ile Arg Asp Asp Ile
 20 25 30
 Glu Glu Glu Asp Asp Gln Glu Ala Tyr Phe Arg Tyr Met Ala Glu Asn
 35 40 45
 Pro Thr Ala Gly Val Val Gln Glu Glu Glu Glu Asp Asn Leu Glu Tyr
 50 55 60
 Asp Ser Asp Gly Asn Pro Ile Ala Pro Thr Lys Lys Ile Ile Asp Pro
 65 70 75 80
 Leu Pro Pro Ile Asp His Ser Glu Ile Asp Tyr Pro Pro Phe Glu Lys
 85 90 95
 Asn Phe Tyr Asn Glu His Glu Glu Ile Thr Asn Leu Thr Pro Gln Gln
 100 105 110

006456 "082900"

Leu Ile Asp Leu Arg His Lys Leu Asn Leu Arg Val Ser Gly Ala Ala
 115 120 125
 Pro Pro Arg Pro Gly Ser Ser Phe Ala His Phe Gly Phe Asp Glu Gln
 130 135 140
 Leu Met His Gln Ile Arg Lys Ser Glu Tyr Thr Gln Pro Thr Pro Ile
 145 150 155 160
 Gln Cys Gln Gly Val Pro Val Ala Leu Ser Gly Arg Asp Met Ile Gly
 165 170 175
 Ile Ala Lys Thr Gly Ser Gly Lys Thr Ala Ala Phe Ile Trp Pro Met
 180 185 190
 Leu Ile His Ile Met Asp Gln Lys Glu Leu Glu Pro Gly Asp Gly Pro
 195 200 205
 Ile Ala Val Ile Val Cys Pro Thr Arg Glu Leu Cys Gln Gln Ile His
 210 215 220
 Ala Glu Cys Lys Arg Phe Gly Lys Ala Tyr Asn Leu Arg Ser Val Ala
 225 230 235 240
 Val Tyr Gly Gly Gly Ser Met Trp Glu Gln Ala Lys Ala Leu Gln Glu
 245 250 255
 Gly Ala Glu Ile Val Val Cys Thr Pro Gly Arg Leu Ile Asp His Val
 260 265 270
 Lys Lys Lys Ala Thr Asn Leu Gln Arg Val Ser Tyr Leu Val Phe Asp
 275 280 285
 Glu Ala Asp Arg Met Phe Asp Met Gly Phe Glu Tyr Gln Val Arg Ser
 290 295 300
 Ile Ala Ser His Val Arg Pro Asp Arg Gln Thr Leu Leu Phe Ser Ala
 305 310 315 320
 Thr Phe Arg Lys Lys Ile Glu Lys Leu Ala Arg Asp Ile Leu Ile Asp
 325 330 335
 Pro Ile Arg Val Val Gln Gly Asp Ile Gly Glu Ala Asn Glu Asp Val
 340 345 350
 Thr Gln Ile Val Glu Ile Leu His Ser Gly Pro Ser Lys Trp Asn Trp
 355 360 365
 Leu Thr Arg Arg Leu Val Glu Phe Thr Ser Ser Gly Ser Val Leu Leu
 370 375 380
 Phe Val Thr Lys Lys Ala Asn Ala Glu Glu Leu Ala Asn Asn Leu Lys
 385 390 395 400

006229" E96T5950

Gln Glu Gly His Asn Leu Gly Leu Leu His Gly Asp Met Asp Gln Ser
 405 410 415
 Glu Arg Asn Lys Val Ile Ser Asp Phe Lys Lys Lys Asp Ile Pro Val
 420 425 430
 Leu Val Ala Thr Asp Val Ala Ala Arg Gly Leu Asp Ile Pro Ser Ile
 435 440 445
 Lys Thr Val Ile Asn Tyr Asp Val Ala Arg Asp Ile Asp Thr His Thr
 450 455 460
 His Arg Ile Gly Arg Thr Gly Arg Ala Gly Glu Lys Gly Val Ala Tyr
 465 470 475 480
 Thr Leu Leu Thr Pro Lys Asp Ser Asn Phe Ala Gly Asp Leu Val Arg
 485 490 495
 Asn Leu Glu Gly Ala Asn Gln His Val Ser Lys Glu Leu Leu Asp Leu
 500 505 510
 Ala Met Gln Asn Ala Trp Phe Arg Lys Ser Arg Phe Lys Gly Gly Lys
 515 520 525
 Gly Lys Lys Leu Asn Ile Gly Gly Gly Gly Leu Gly Tyr Arg Glu Arg
 530 535 540
 Pro Gly Leu Gly Ser Glu Asn Met Asp Arg Gly Asn Asn Asn Val Met
 545 550 555 560
 Ser Asn Tyr Glu Ala Tyr Lys Pro Ser Thr Gly Ala Met Gly Asp Arg
 565 570 575
 Leu Thr Ala Met Lys Ala Ala Phe Gln Ser Gln Tyr Lys Ser His Phe
 580 585 590
 Val Ala Ala Ser Leu Ser Asn Gln Lys Ala Gly Ser Ser Ala Ala Gly
 595 600 605
 Ala Ser Gly Trp Thr Ser Ala Gly Ser Leu Asn Ser Val Pro Thr Asn
 610 615 620
 Ser Ala Gln Gln Gly His Asn Ser Pro Asp Ser Pro Val Thr Ser Ala
 625 630 635 640
 Ala Lys Gly Ile Pro Gly Phe Gly Asn Thr Gly Asn Ile Ser Gly Ala
 645 650 655
 Pro Val Thr Tyr Pro Ser Ala Gly Ala Gln Gly Val Asn Asn Thr Ala
 660 665 670
 Ser Gly Asn Asn Ser Arg Glu Gly Thr Gly Gly Ser Asn Gly Lys Arg
 675 680 685

00654567 006600

Ser Ser Tyr Glu Gln Asn Asp Asn Ser Leu Val Tyr Phe Ala Tyr Tyr
210 215 220

Leu Ala Ala Phe Thr Met Phe Ser Arg Phe Leu Asn Lys Gln Pro Tyr
465 470 475 480

<213> Homo sapiens

Met	Ala	Ala	Ala	Lys	Ala	Glu	Met	Gln	Leu	Met	Ser	Pro	Leu	Gln	Ile	
				5					10					15		
Ser	Asp	Pro	Phe	Gly	Ser	Phe	Pro	His	Ser	Pro	Thr	Met	Asp	Asn	Tyr	
				20					25					30		
Pro	Lys	Leu	Glu	Glu	Met	Met	Leu	Leu	Ser	Asn	Gly	Ala	Pro	Gln	Phe	
				35					40					45		
Leu	Gly	Ala	Ala	Gly	Ala	Pro	Glu	Gly	Ser	Gly	Ser	Asn	Ser	Ser	Ser	
				50					55					60		
Ser	Ser	Ser	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Ser	Asn	Ser	Ser	
				65					70					75		
Ser	Ser	Ser	Ser	Thr	Phe	Asn	Pro	Gln	Ala	Asp	Thr	Gly	Glu	Gln	Pro	
				85					90					95		
Tyr	Glu	His	Leu	Thr	Ala	Glu	Ser	Phe	Pro	Asp	Ile	Ser	Leu	Asn	Asn	
				100					105					110		
Glu	Lys	Val	Leu	Val	Glu	Thr	Ser	Tyr	Pro	Ser	Gln	Thr	Thr	Arg	Leu	
				115					120					125		
Pro	Pro	Ile	Thr	Tyr	Thr	Gly	Arg	Phe	Ser	Leu	Glu	Pro	Ala	Pro	Asn	
				130					135					140		
Ser	Gly	Asn	Thr	Leu	Trp	Pro	Glu	Pro	Leu	Phe	Ser	Leu	Val	Ser	Gly	
				145					150					155		
Leu	Val	Ser	Met	Thr	Asn	Pro	Pro	Ala	Ser	Ser	Ser	Ser	Ala	Pro	Ser	
				165					170					175		
Pro	Ala	Ala	Ser	Ser	Ala	Ser	Ala	Ser	Gln	Ser	Pro	Pro	Leu	Ser	Cys	
				180					185					190		
Ala	Val	Pro	Ser	Asn	Asp	Ser	Ser	Pro	Ile	Tyr	Ser	Ala	Ala	Pro	Thr	
				195					200					205		
Phe	Pro	Thr	Pro	Asn	Thr	Asp	Ile	Phe	Pro	Glu	Pro	Gln	Ser	Gln	Ala	
				210					215					220		
Phe	Pro	Gly	Ser	Ala	Gly	Thr	Ala	Leu	Gln	Tyr	Pro	Pro	Pro	Ala	Tyr	
				225					230					235		
Pro	Ala	Ala	Lys	Gly	Gly	Phe	Gln	Val	Pro	Met	Ile	Pro	Asp	Tyr	Leu	
				245					250					255		
Phe	Pro	Gln	Gln	Gln	Gly	Asp	Leu	Gly	Leu	Gly	Thr	Pro	Asp	Gln	Lys	
				260					265					270		
Pro	Phe	Gln	Gly	Leu	Glu	Ser	Arg	Thr	Gln	Gln	Pro	Ser	Leu	Thr	Pro	

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<210> 338
<211> 148
<212> PRT
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Pro Gln Gly Phe Lys Ser Gly Asp Asp Leu Phe Pro Lys Asp Asp Lys

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<210> 341
      <211> 422
      <212> DNA
      <213> Homo sapien

      <220>
      <221> misc_feature
      <222> (1)...(422)
      <223> n = A,T,C or G
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<400> 341							
gatganattn	ttncnagaga	gaggaagang	ctattcagtt	ggatgggatt	aaatgcatca	60	
caaataaagag	aacttagaga	gaagtcggaa	aagtttgctt	tccaagcccg	aagttaacag	120	
aatgatgaaa	cttatcatca	attcattgta	taaaaataaa	gagattttcc	tgagagaact	180	
gatttcacaa	gcttctgatg	ctttagataa	gataaggcta	atatcactga	ctgatgaaaa	240	
tgtcttttct	ggaaatgagg	aactaacagt	caaaattaag	tgtgataagg	agaagacctg	300	

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<210> 342
<211> 472
<212> DNA
<213> Homo sapien
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<400> 342						
gaagg	tgtgcagggg	aaacctgtct	gatgtcaccc	aggccaggtt	gtctttctac	60
acact	cttccttttg	gatgtactgc	atgggtgtct	tggcgctgna	tgtgcaggca	120
ctgtt	ggaagtgggc	acggctgctg	cgaccacag	tccagttctt	cctgggtggcc	180
cctct	acgtgggcta	caccgcgtg	tctgattaca	aacaccactg	gagcgatgtc	240
tggcc	tctgcaggg	ggcactggtg	gctgcctca	ctgtctgcta	catctcagac	300
caaag	cccgaccccc	acagcactgt	ctgaaggagg	aggagctgga	acggaagccc	360
gtcac	tgacgttgac	cctgggcgag	gctgaccaca	accactatgg	ataccgcgac	420
ctcct	gaggccggac	ccgcccagg	cagggagcta	ctgtgagtc	ag	472

```

      <400> 343
gtcctgggcc  ttcccttcc  ctcaagccag  ggctcctcct  cctgtcgtgg  gctcattgtg      60
accactggcc  tctctacagc  acggcctgtg  gcctgttcaa  ggcagaacca  cgacccttga     120
ctcccggtg  gggaggtg                                     139

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<400> 344						
ctgcgggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	60
agtccaattt	gctctcaagt	accagtcgct	ggggccagtgt	gttttcagtgc	attgtaaggc	120
tgggcgctcc	aggagtgcca	ctatggtggc	agcatacctg	attcagggtgc	acaaatggag	180
tccagaggag	gctgtaagag	ccatcgccaa	gatccggtca	tacatccaca	tcagg	235

<400> 345						
ctgtaagggtg	ctatttcagtc	ctgtgaccct	tatttttgga	tgtctttcat	tactgtttgct	60
ctgtttttgtg	acttctctggg	aaaccgccta	ctttgggtgtg	gtgtcacctt	gagctgtgca	120
cataggacac	cagttttgac	ttaacctaac	aggcagtttt	tatctctagc	tttttcaagc	180

```

cagggtattga gcagttttctt ggccaatggc ctgagaaacc acctgtccct gtcaaggggt      240
gattttattg gttttaagtg gggaagtaat cccatgtact tatttcttaa atacctagga      300
agttcttctt ggtggctcct ctgggccctc cctcttttct cccccaaccc accatcctgc      360
aaggcaagga atggcctctc cctccacaga ggcaacggct gcagagggag cactgtggct      420
gccatcccag ttcctcttca aagccaaaca gacaogcg                                458

```

```

<210> 346
<211> 525
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

```

```

<400> 346
ccagagcaca acgcctcacc atggactgga cctggaggat nntcttnnng gtggcagcag      60
ccacaggtgt ccactcccaa gcccaacttg tgcagtctgg ggctgaggag aagaagcctg      120
gggcctcagt gactatttct tgtaaggctt ctggatatat ncttactaaa tatactttac      180
attgggtgcg ccaggccccc cccggacaaa gacctgaatg ggtgggatgg atcaacactg      240
gcattgatac cgttaaatat tcacagaagt ttcaggacag agtctccatt acctgggact      300
catccgcgac cacagnctac ctgnanntga gtagcctgga atccgaagac acggctgtgt      360
attactgtgc gagacttang gcccgttcgc tgtggtggga cttaatgacg cttttgacat      420
ctggggccaa gggacagtgg tcaccgtctc ttcanggagt gcattcgccc caaccctttt      480
ccccctctct cctgtgaaga attccccgnc ggatacgagc agcgt                                525

```

```

<210> 347
<211> 423
<212> DNA
<213> Homo sapien

```

```

<400> 347
ccagacgctg acttgtttct gagtccttaa gcaggaagga tttgaaatcc tggagcttgg      60
cagtcttgct cttcacctct aagccaatgt tgaccccttc atctataaag tccacaactc      120
tccggaagtc atcctcacgg aactgtcgag aagttaaggc tggggcccca agccgcaggc      180
cgcccggtgt gatggcactt cggtctccag gacaggtgtt cttggtggca gtgatggata      240
caagctctag caccgctca gcccgagctc catccaggcc cttgggcccgc aggtccacca      300
gcaccaggtg gttgtcagta ccacctgata ccagtgahta gcctcgctct agcagggcac      360
ctgccatggc ccgagcattc ttcagaacct gcagggagta ctcccgaac atgggggtgc      420
agg                                423

```

```

<210> 348
<211> 513
<212> DNA
<213> Homo sapien

```

```

<400> 348
cctctaggcc tgatgctctc agaggcaata gaagaaaagt aaaaggaagg tctcacttca      60
cagacaatga aaccctccta accctcttcc ccactaccca caactcccta cactgccaat      120
ctaaataaaa agaggacaat gcatgagtgt gagatacaca tacacacaca cacatacaca      180
cacacacacg cacagcttcc tttcagccaa agaactgcaa aatccttccc cggaaggagg      240
acaactggca acaccaatca aggcttggtg gtctaagggt atggctggaa tcatgtgaga      300
ctggtaaaaa tccagggaga aaatgtttca cttcagctc attcccaagt ctctatgaag      360

```

cccgccccac ttccacatag gggaaactgtg gctctggggg cagcctctgc agctactcag 420
aataggtggg aggaggggct ggctttgagg ctgccttagc catgaggctc tttgcctagg 480
aatagctgga gatgggagct gcagggggct cag 513

<210> 349
<211> 231
<212> DNA
<213> Homo sapien

<400> 349
ccttattttot cttgtccttt cgtacagggg ggaatttgaa gtagatagaa accgacctgg 60
attactccgg totgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120
atagcggctg caccatcggg atgtcctgat ccaacatcga ggtcgtaaac cctattgttg 180
atatggactc tagagtagga ttgcgctggt atccctaggg taacttgttc c 231

<210> 350
<211> 341
<212> DNA
<213> Homo sapien

<400> 350
ctgcccgaagg gcgttcgtaa cgggaatgcc gaagcgtggg aaaaagggag cgggtggcgga 60
agacggggat gagctcagga cagagccaga ggccaagaag agtaagacgg ccgcaaagaa 120
aaatgacaaa gaggcagcag gagagggccc agccctgtat gaggaccccc cagatcagaa 180
aacctcacc cagtggcaaac ctgccacacc caagatctgc tcttggaatg tggatgggct 240
tcgagcctgg attaagaaga aaggattaga ttgggtaaag gaagaagccc cagatatact 300
gtgccttcaa gagaccaa atgttcagagaa caaactacca g 341

<210> 351
<211> 256
<212> DNA
<213> Homo sapien

<400> 351
ggcgttgggg acggttgtag gacgtggctc tttattcgtg agttttccat ttacctccgc 60
tgaacctaga gcttcagacg cctatggcg tccgcctcga cccaaccggc ggccttgagc 120
gctgagcaag caaaggtggt cctcgcggag gtgatccagg cgttctccgc cccggagaat 180
gcagtgcgca tggacgaggc tcgggataac gcctgcaacg acatgggtaa gatgctgcaa 240
ttcgtgctgc ccgtgg 256

<210> 352
<211> 368
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 352
cctttcttgt aagtgaagaa naaggaatgc agcaaagaag agttcgacat tggagtcctt 60
agttccatca ggatccatt cgcagccttt agcatcatgt agaagcaaac tgcacctatg 120
gctgagatag gtgcaatgac ctacaagatt ttgtgttttc tagctgtcca ggaaaagcca 180

tcttcagtct	tgctgacagt	caaagagcaa	gtgaaacccat	ttccagccta	aactacataa	240
aagcagccga	accaatgatt	aaagacctct	aaggctccat	aatcatcatt	aaatatgccc	300
aaactcattg	tgacttttta	ttttatatac	aggattaaaa	tcaacattaa	atcatcttat	360
ttacatgg						368

<210> 353
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 353						
ctgaggggtg	gcagtaagca	atgaggatgg	gctataaagc	tggttaactgg	ctaagggcca	60
tccttgggca	ggcatttcag	acacatctgt	agagagggca	gtagcatctc	cgataggcca	120
gctctgaagg	aagcttaatg	cttaatacag	tcacactgca	taaattagct	tagaatgctc	180
tcttgggtaa	aaaatattaa	tagtgtatat	gcacttgaag	agcaaaattc	ctcaagaaaa	240
aaagttaaat	agcaaggagt	ttccatcagt	cccggtcttt	gtgaggatta	ccacaacaaa	300
cacttaaaag	gatacaacag	gtacttatta	aatgctgcct	tgccctttac	ctcttccttt	360
tttttttt						368

<210> 354
 <211> 380
 <212> DNA
 <213> Homo sapien

<400> 354						
ccatggcttc	tcacccagac	agtctttctg	ggcaacttgg	ggaagccctt	gttctgctca	60
agtctcacc	catggaagag	gtgggggaag	ggggccttgg	tttttcagga	agacagggtg	120
gagagcacga	gtcactacaa	agcagtaaaa	gtgaatggtg	tctccagggg	ctgggtccag	180
aacaccacgg	agagccccag	ccataaaggt	gtgttcogcc	tctggcctgc	aggaatctct	240
ttgaatctct	ttgattgggtg	gctccaagag	caatgggaag	tcaacagcca	ggaggctgga	300
ctgggttccc	tgggaccccg	aggtcccaga	gctgctgggc	agtggttgtc	ggcaaagaag	360
aaaggtccaa	gagggtcagg					380

<210> 355
 <211> 347
 <212> DNA
 <213> Homo sapien

<400> 355						
ccagtggagg	ggtgggggta	tcgatcccg	cgggggctgg	cttggttgtc	ggtgccctga	60
gcccttctct	gcccgcctgg	gtgttgccct	cactgatgga	ggtaggcgct	cagccagatg	120
tcaccagact	tcttcgggga	cctgacgatg	tccaccagcg	cggtgaggaa	gggcttcaact	180
tcgtagctga	ggccgtgctt	ggcacacagc	gacttgacca	gcggggccac	ccggctgtag	240
ttgtgtctcg	gcatcctggg	gaagaggtgg	tgctcgatct	ggaagttgag	gtgcccgctg	300
aaccagtgg	tgaaaagtga	gggctccacg	ttgcagggtg	ctgccag		347

<210> 356
 <211> 157
 <212> DNA
 <213> Homo sapien

<400> 356						
cctggagctg	ctgaagactg	ctattgggaa	agctggctac	actgataagg	tggtcatcgg	60
catggacgta	gcggcctccg	agttcttcag	gtctgggaag	tatgacctgg	acttcaagtc	120

tcccgatgac ccagcaggt acatctcgcc tgaccag

157

<210> 357
 <211> 323
 <212> DNA
 <213> Homo sapien

<400> 357
 ccatacaggg ctgttgccca ggccctagag gtcactcctc gtaccctgat ccagaactgt 60
 ggggccagca ccatacgtct acttacctcc cttcggggcca agcacacca ggagaactgt 120
 gagacctggg gtgtaaatgg tgagacgggt actttgggtg acatgaagga actgggcata 180
 tgggagccat tggtgtgaa gctgcagact tataagacag cagtggagac ggcagttctg 240
 ctactgcgaa ttgatgacat cgtttcaggg cacaaaaaga aaggcgatga ccagagccgg 300
 caaggcgggg ctctgatgc tgg 323

<210> 358
 <211> 555
 <212> DNA
 <213> Homo sapien

<400> 358
 aaaaggtttc taaaacatga cggagggtga gatgaagctt cttcatggag taaaaaatgt 60
 atttaaaaga aaattgagag aaaggactac agagccccga gttaatacca atagaagggc 120
 aatgctttta gattaaaatg aagggtgactt aaacagctta aagtttagtt taaaagttgt 180
 aggtgattaa aataatttga aggcgatctt ttaaaaagag attaaaccga aggtgattaa 240
 aagaccttga aatccatgac gcaggggagaa ttgcgtcatt taaagcctag ttaacgcatt 300
 tactaaacgc agacgaaaat ggaaagatta attgggagtg gtaggatgaa acaatttgga 360
 gaagatagaa gtttgaaagt gaaaactgga agacagaagt acgggaaggg gaagaaaaga 420
 atagagaaga tagggaaatt agaagataaa aacatacttt tagaagaaaa aagataaatt 480
 taaacctgaa aagttaggaag cagaagaaaa aagacaagct aggaaacaaa aagctaaggg 540
 caaatgtac accac 555

<210> 359
 <211> 549
 <212> DNA
 <213> Homo sapien

<400> 359
 ctgccagggt gaaaagaagc ctcagctccc acaccgcctt cctcaccgcc cttcctcggc 60
 agtcacttcc actggtggac cacgggcccc cagccctgtg tcggccttgt ctgtctcagc 120
 tcaaccacag tctgacacca gagcccaactt ccatacctctc tgggtgtgagg cacagcgagg 180
 gcagcatctg gaggagctct gcagcctcca cacctaccac gacctcccag ggcctgggctc 240
 aggaaaaacc agccactgct ttacaggaca ggggggttgaa gctgagcccc gcctcacacc 300
 ccccccatg cactcaaaga ttggatttta cagctacttg caattcaaaa ttcagaagaa 360
 taaaaaatgg gaacatacag aactctaaaa gatagacatc agaaattggt aagttaagct 420
 ttttcaaaaa atcagcaatt cccagcgta gtcaagggtg gacactgcac gctctggcat 480
 gatgggatgg cgaccgggca agctttcttc ctcgagatgc tcttgctgct tgagagctat 540
 tgctttgggt 549

<210> 360
 <211> 289
 <212> DNA
 <213> Homo sapien

<400> 360
 tttaaatttt actagtgtta cttaatgtat attctaaaaa gagaatgcag taactaatgc 60
 cctaaatggt tgatctctgt ttgtcattac tttttcaaaa ttattttttt ctgtaaagta 120
 taatatataa aacttcttgc ttaaattgaa tttctatatt agtgggtaat tgcagtttat 180
 taaagggatc attatcagta atttcatagc aactgttcta gtgttttgtg tttttaaaac 240
 agaattagga atttgagata tctgattata tttttcatat gaatcacag 289

<210> 361
 <211> 311
 <212> DNA
 <213> Homo sapien

<400> 361
 ctgttcagta tggcaaaggg cagacttact ccttcatcca ctctgctgcc ttgatgaggt 60
 gaacacactg gaataagatg gagggcagga tacctgccaa agcctgagga atgagatgat 120
 ctgaaacaat tgggcaaagg ctggacattt caaaaagctg acttccaact gcagtttatg 180
 ggtatagaat ttgatgcttc cctcaagtcc tgactgctct ttctgaggca gccaggctag 240
 gccaaagaaat gagctgctcc agcttctcca gagcacagca gcctcccagg gcctgtcagc 300
 atctgcagca g 311

<210> 362
 <211> 496
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 362
 ccagtttcta aaanaatgca catttaaaga gaagcatcta ccacggcttt aaaacaaaac 60
 aactctgaga tgaacaatat gtgttatact cagagattaa caatctcaat catacatact 120
 gattctttca gacatttaat aaccactaca tttttttgca ttaatgaagt ttgactatat 180
 gtgtaaaggg actaaatatt tttgcaacag cctgttcttt gttcattctt ttctggatag 240
 cgtgtcctct gtattgcggt agatttatac attctgttgc ctaaatatgt gtgtaaaatg 300
 agctgataaa ctggagtact acttaaaaaa aagtcctgtga tttataagat gcatatgctt 360
 tctatgtgaa tataagcttg tgcacaatgt ttaaaagaaa aacaatgaat tagaagagat 420
 cccccgtccc ccagtctgac atatttcata cagaatgttt aaaagaaaaa ctctgctagt 480
 cttggcaaac atttgg 496

<210> 363
 <211> 673
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 363
 ccaagaggga gataanacaa acttctcaaa caaaaagaaa agaaaaacga atgattcatc 60
 tgctttaatc agtgtgatta atgcagcacc cattgccccg ggaaccggtt ctgctgtact 120

```

atctggatac taaaatgtta cggaagtagc tctttgttct ccctcactct gcccttagtt 180
aatagaaatt cagactcgcc aagtaaggct ttgtgcatag tgtcttcacg tcgcgatatag 240
ttgagcgcgt tcttagcagt tggcttcacg gacagctcat tagtgttttg acttttctta 300
cccagcgta attgaattct tgcttttaga caacttcctt tttgtagtgg tgaaccttgc 360
ccttttagtac agttcaagt aatctggata attgttcacg tttgctttag cttagatacc 420
atgtagtggg ctgtgggtac aggaagctgg ttctgtctgc ttccacagtc tgcttaaaaa 480
actgtctgac ttcgtgaata tagagaccaa gtttaccact tctgatgaag agaccaatta 540
agattcattc ctcatctgt ttctttccag tgggagaaga gtcccatga aataagatga 600
aactgattcc atgcactagt acatgtaggc ttctcccttg cgcaaagctt aacaatttgt 660
aggaaacttt ggg 673

```

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<210> 364
<211> 495
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

```

```

<400> 364
ccaaatgttt gcncaagact agcagagttt ttctttttaa cattctgtat gaaatatgtc 60
agactggggg acgggggatc tcttctaatt cattgttttt cttttaaaca ttgtgcacaa 120
gcttatattc acatagaaa catatacatc ttataaatca cagacttttt ttaagtagt 180
actccagttt atcagctcat ttacacaca tatttaggca acagaatgta taaatctacc 240
gcaatacaga ggacacacta tccagaaaag aatgaacaaa gaacaggctg ttgcaaaaat 300
athtagtccc ttacacata tagtcaaact tcattaatgc aaaaaatgta gtggttatta 360
aatgtctgaa agaatcagta tgtatgattg agattgttaa tctctgagta taacacatat 420
tgttcatctc agagttgttt tgtttttaag ccgtggtaga tgcttctctt taaatgtgca 480
tttttttagaa actgg 495

```

```

<210> 365
<211> 291
<212> DNA
<213> Homo sapien

```

```

<400> 365
aactgacaag cccttgcgcc tgccctctcca ggatgtctac aaaattggtg gtattggtac 60
tgttcctggt ggcccagtg gagactgggt ttctcaaacc cggtaggtg gtcacctttg 120
ctccagtcaa cgttacaacg gaagtaaaat ctgtcgaaat gcaccatgaa gctttgagtg 180
aagctcttcc tggggacaat gtgggcttca atgtcaagaa tgtgtctgtc aaggatgttc 240
gtcgtggcaa cgttgctggt gacagcaaaa atgaccacc aatggaagca g 291

```

```

<210> 366
<211> 277
<212> DNA
<213> Homo sapien

```

```

<400> 366
ctggatggtg cctcagaagg tgcattctgc ttctgcaggg gcttgaaaca ccaaggcact 60
ccagggatcc tggagtcaaa gcagcagccc cgggtgttgc actccttggg ggtgacatgg 120
gggtagccc cagtccaccc tgctcttggc tggcacggca cactggtttg cagacaggcc 180
cacgtactcc tcagcagagc tggaggacaa gcaaggccag gaccagcccc agcatgcaga 240

```

gcgctctggc agccatgacc accgtgggct ccgggac

277

<210> 367
 <211> 311
 <212> DNA
 <213> Homo sapien

<400> 367
 ccagagctgc ggggcctcag tacacggagc tgttccggat gccacagcac agcaccatgc 60
 tcaggatcat ctggaagatc atgatcacag cgaccacgat ggcagcaatg ccgatgaggt 120
 acagcttccc ggagaagagg tcatcgatct tctgggtggca gtcctccttg aagagggtgc 180
 tgatgatgtt gctgcccagag ggacacaaat tgttcttgag cactgaggtg gtcaaagcag 240
 tcagtgtgct ggagccacag cagtcaagcg tctcgtggaa ggtcttcacc acagccttgg 300
 cgttgttggc g 311

<210> 368
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 368
 ccaaaggggt ctctagctgc tgetctgctg ctcttctca tggatgagtt tggcgatggg 60
 gccggtgatg ccgcctatca aggtccagta ctcatcgaag ctgatgcgcc catcaggatt 120
 ggcattccagg ttctggatga gcttaccgc agccttccgg ttccctgtgt ccgacagcat 180
 gtggttcagc tctttctgga gcattctcgc gaagctgctc ttgctgatct tgttcttgac 240
 caggctgtac ctagacacat attttagtaa gttttccacc aggacaatga ctgccttctc 300
 cagctccgtg tagcaagtct gacattctcc tgccttcgct gctggcgggg cctaaggcgg 360
 gggccaagcc cagttacagc ccag 384

<210> 369
 <211> 216
 <212> DNA
 <213> Homo sapien

<400> 369
 ccaagtgcc ggtggctttc agcagcttcc tacgatcagc cgaagaaagc agaagctctg 60
 gaggtgcc tgcagaacct caatgaagcc aagaactatt ttgcaaagg tgaactgcaa 120
 gagcgcatca gggacgtcgt ttacttccag gccagactct accataccct ggggaagacc 180
 caggagagga accggtgtgc gatgctcttc cggcag 216

<210> 370
 <211> 561
 <212> DNA
 <213> Homo sapien

<400> 370
 ctggctcctt cttttgtggt cgtttggggg atgggctggt ttgggggtta ggtgcagaga 60
 atggtttggg gccactgctg actggaccac tctgagcctt cagggcaggg ttcttgtgag 120
 tcttcatgtc atcagataca tgtttcaggg catgtgtaat gctctcccc tgattaatct 180
 gcgcgaacag tgctgagcgg gaagcagact catctgagcc tgaactggta gagactgggg 240
 gaggaggggg gcctggtgga gggggaggag gacctgatcc ggcagagggt ccagatggca 300
 gtccgctcag ttcttttgcc acaggccccg ttttgcctca ggccagtcog gtggtatgga 360
 actcettaat gtaagcctgc agctctgtcc atatacttaa ataagctttg acccagtcct 420
 catgcttctt atccacatct ttgtactctt tgaggactcg gtttgtataa aacatggcgg 480

```
<210> 371
<211> 518
<212> DNA
<213> Homo sapien
```

```
<210> 372
<211> 335
<212> DNA
<213> Homo sapien
```

```
<210> 373
<211> 467
<212> DNA
<213> Homo sapien
```

```
<210> 374
<211> 284
<212> DNA
<213> Homo sapien
```

<400> 374
ttttccgtaaa agcgtgtaac aaggggtgtaa atattttataa tttttttatac ctgtttgtgag 60

accgagggg	cgcgggcg	gttttttatg	gtgacacaaa	tgtatatattt	gctaacagca	120
attccagget	cagtattgtg	accgcgagc	cacaggggac	cccacgcaca	ttccgttgcc	180
ttaccgatg	gcttgtgacg	cggagagaac	cgattaaaac	cgtttgagaa	actcctccct	240
tgtctagccc	tgtgttcgct	gtggacgctg	tagaggcagg	ttgg		284

<210> 375
 <211> 307
 <212> DNA
 <213> Homo sapien

<400> 375						
cctactcttc	tcggtccatt	gtactatctg	cccggtgtgg	ggatggcagt	aggatcatat	60
ttgatgactt	cogagaagca	tattattggc	tcggtcataa	tactccagag	gatgcgaagg	120
tcattgtctg	gtgggattat	ggctatcaga	ttacagctat	ggcaaaccga	acaatttttag	180
tggacaataa	cacatggaat	aatacccata	ttctctgagt	agggcaggca	atggcgcca	240
cagaggaaaa	agcctatgag	atcatgaggg	agctcgatgt	cagctatgtg	ctggtcattt	300
ttggagg						307

<210> 376
 <211> 650
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (650)
 <223> n = A,T,C or G

<400> 376						
ccattgnctn	ctnagctgat	gtcatcatct	gccagggtcat	cttggcaaaa	gtcggagcat	60
ttctcagtca	ctgcaaagta	gcccttctcg	ttggagcacc	ggaagagacg	tgtgtgtttc	120
atgtactcgg	catcgctcatc	atagggtctt	tgtgccccaa	tgccccacca	gaagaagttc	180
tcaggctcct	caccttcggt	gataacctgc	ttgctgtagg	aggtgtcaaa	catgggtgttc	240
aggatgtctt	ctgccaaactt	ggcttcgtca	gggtctgatg	cccggcccac	ccaggcatac	300
acgatgccct	ggttgtcctc	actctcaaag	ggaaccttga	ggatgaagca	gaactcggag	360
ttgaggaggc	tggagtcggg	gttgatctgg	atgcaccggg	tgcagagggc	gctgcccgtt	420
gtgcggatct	ggtagaggct	gggctgttgg	gcgccttgga	ccgccttctc	cttgccccgg	480
tggatgatga	acttctctt	gaaatgggac	aggaacttgg	ggttctcctg	ctgctgcgtc	540
atgcgtacca	cctccagctt	cccaggggaag	aggctctcga	acttcttttg	caggctgaag	600
gtgaagggtga	cccacccata	ttgggaggct	ttcacggccc	tgccagaagt		650

<210> 377
 <211> 306
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (306)
 <223> n = A,T,C or G

<400> 377						
tctagatgca	tgctcgagcg	gccgccagt	tgatgganat	ctgcagaatt	cgcccttcga	60
gcggccgccc	gggcagggtc	gggtgctgcc	ttcacctgcc	aggcccttcc	ccgctagctt	120

```
<210> 378
<211> 199
<212> DNA
<213> Homo sapien
```

<400> 378						
ccacangtgg	cacttggggtg	tggctcctct	gttattttgtc	ctcatgtgag	aaagcagatc	60
atctccaaat	cttgccattt	gtatactttt	ggtggagact	tggatgtcat	atcttctttg	120
ttttggggtt	tcttccctag	cttattttgt	ggcttttaa	gaagtggatt	gtattgtgag	180
atcctgtgat	tcctggtgg					199

```
<210> 379
<211> 216
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(216)  
<223> n = A,T,C or G
```

<400> 379						
ccagggcang	tcatcaagag	gggcattgtc	ttgcatgcgg	cctgccgtgt	ccaccagcac	60
cacgtcaaag	ccttggttac	gtgcaaaagc	aatggcttcc	atggcaatgc	cagcagcatc	120
cttgccatag	cccttttcaa	acaactgcac	catggtgcgg	ccaccatgct	tctctggagg	180
gtgtagggca	ctcaaacgcc	gggtgtgtgt	acgcag			216

```
<210> 380
<211> 555
<212> DNA
<213> Homo sapien
```

<400>	380						
ccatgggcct	tcctttccac	taaaaggaat	tccgaacagc	aaaaagaagg	tcttgagata		60
gtgaaaatgg	tgatgatatc	tttagaaggt	gaagatgggt	tggatgaaat	ttattcattc		120
agtgagagtc	tgagaaaact	gtgcgtcttc	aagaaaattg	agaggcattc	cattcactgg		180
ccctgccgac	tgaccatttg	ctccaatttg	tctataagga	ttgcagccta	taaatcgatt		240
ctacaggaga	gagttaaaaa	gacttggaca	gttgtggatg	caaaaaccct	aaaaaaagaa		300
gatatacaaa	aagaaacagt	ttattgctta	aatgatgatg	atgaaactga	agttttaaaa		360
gaggatatta	ttcaagggtt	ccgctatgga	agtgatatag	ttcctttctc	taaagtggat		420
gaggaacaaa	tgaaataata	atcggagggg	aagtgccttc	ctgttttggg	attttgtaaa		480
tcttctcagg	gtcagagaag	attcttcatg	ggaaatcaag	ttctaaaggc	tttgccccaa		540
gagatgatga	ggcag						555

<210> 381
 <211> 406
 <212> DNA
 <213> Homo sapien

```

<400> 381
ctgcaccagg tgggcctcta ggtoccatta agcccattgg tccagggcca agtccaactc      60
cttttccatc atactgagca gcaaagttcc caccgagacc agggggggcca ggaggaccag      120
gtggaccagg agggcctgtg ggaccatctt caccatctct gcctgggggg cctgggtggac      180
ccctttctcc acgtggtcct ctatctccgg ctggggccctt tcttacagtt tcctcttgta      240
aagattggca tgttgctagg cataaggtta ctgcaagcag caacaaagtc cgcgtatcca      300
caaagctgag catgtctagc acttagacat gcagactcct tgtgtcgcag agccctggg      360
tcaccggcgg aggtatcacc tggcggggcg gggcatgcag tcgtgg      406
  
```

<210> 382
 <211> 528
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

```

<400> 382
ctgagcagtt tgtgggtntn tcttcccgca agtttcagga agtattcaca aaagaaaaat      60
acattttttt ccccgagggt ggggcaagga cagtggagag agtgctagga aatgagttcc      120
ctgggaaagg ggaccggggc gtgatgttaa atatctccgg ctcccaagtg actggatttg      180
cctaggacct tcagaccaac agacttcaga cctcagacc tgccccgggg ccagggtggag      240
aaagtgaggg ccgtacaagg aagtgaatt ctgagttgtt ggggctaagc ctgacccccct      300
ctccatgctc cccgccccaa cccactctgg cctcagtaga tttttttttc agttgtgggt      360
gttgcccagg ctggagtgcg gtagcgccat cttggctcac tgcacctoca ccttcggggc      420
tcaagcgatt ctccagctc agcctcctga gtagctagga ctgcaggtgc tccaccacgc      480
ccggctaatt tttgtatttt tagtagagat ggggtttccc catgtttgg      528
  
```

<210> 383
 <211> 335
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

```

<400> 383
ccatnttgag tctactcctg cgtcttgtgc ctagcacccc cgagaaccgt cagtttgagc      60
cagatggaag ctgagctgaa cacattacga tggatgatgg aaacataaga ctatcaagaa      120
atccaagtgg taatgggcga agtttattca gcatccggca atggacttat cgtagttggg      180
gaaacgggtg ttccgaataa tatcctggaa gttatcagga cacctatttt aaatataggc      240
ctgaattttg taaagtaata tttaagggtg tccgtgataa ttaaataaaa tgcttaattc      300
atgtggcgaa aaaaaaaaaa naaaaaaaaa aaaaaa      335
  
```

<210> 384

<211> 333
 <212> DNA
 <213> Homo sapien

<400> 384
 agtccaatac ggctattggg gttgtagcag ctttcagagg aaattagtgg tctgggcttg 60
 cctccagctc cccaggggca gcccagtag ctacactgtc cagacagcac aagaccaggc 120
 tgggtgtcacg tccatccgag cgctgcctca gggatcgata aagtttact gcagaaagtc 180
 tccactgcgg tatgctgaca tctgccctga accttcaccc tacagcatta caggctttaa 240
 tcagattctg ctggaaagac acaggctgat ccacgtgacc tcttctgcct tcaactgggct 300
 ggggtgatcc ttgggtgcctt tgttccaca agg 333

<210> 385
 <211> 343
 <212> DNA
 <213> Homo sapien

<400> 385
 ctgtgacacc tcaggttgaa aggggtcttc tcttgaaca cccaccgagg ggctgggagc 60
 aacagccagc cgatatggac ttctagctgc accgggtcac tgagggtgga gaggtttgtc 120
 tggcacctgt actctccact gtctcgact gtggcagcgt caatgaagta gctcgaggcc 180
 tggcttgaga tgaggctctc attgtgaaac cactgtgtgg aattgtctc aggggagtag 240
 gctccctggc acttcagagt cacactgtcc ttctcgagca cctgtacca ttgaggctcc 300
 aggaacacca cagcctttgg gagatcttca gtccgcatgc caa 343

<210> 386
 <211> 244
 <212> DNA
 <213> Homo sapien

<400> 386
 tattctttga ttcttgcaa atagggtgaga gaactaatag caaccaggca actgaggacg 60
 aagtcaaaaa gtcggttaaca gaagaatgga atcagccaac ccacttgata agaaattgct 120
 ccataaacca gcattgaact gattataaac ataagaacag agacggcaaa aagaacacag 180
 gcattatcag ccattctctc agacgaatag taattaccga tgacttcata ctgaatgttg 240
 acag 244

<210> 387
 <211> 504
 <212> DNA
 <213> Homo sapien

<400> 387
 atctggagtc cagcctcagg gatgcgtac ttccattct ctgcattgaa cattcgttct 60
 gtcagcatcc gctccagctt cactgcatca gcggcaaact tgcggatccc gtcagagagc 120
 ttctccacag ccattctggtc ctggttgtgc aaccaacgga aagacttctc atccagggtg 180
 attttttcca ggtcactggc ttgggcccgc ttggctgaga gcacaggcac cagcttggcg 240
 ttgtcctgca gcagctctcc caggagcttg ggtgggatgg tgaggaagtc acagccggcc 300
 agtgctttga tctcgcccgt gttgcggaag gaggcgcca tgacaatggt tttgtagcta 360
 aacttcttgt agtagttgta gatttttagtg aactcttta cccaggggtc ttccaggggc 420
 tcataggatt tcttgctggt gtttgccaca tgccaatcaa ggatgcgccc aacaaatggg 480
 gagatgaggg tcacacccgc ctgc 504

<210> 388

```
<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G
```

<400> 388						
gccaaagtgc	tgcntgaatt	ccactccctt	ggttttcgcc	tgcccagcgt	tgctgtttgc	60
gtggagggtg	gggggagctc	agtggcaggg	aatcagcggg	ccgtgggggc	gtggggacgg	120
gaacatgtgc	ccgaccgctc	catccctctc	tcctccttag	gatgcataac	ctaccttgtc	180
tttttttttt	taaattttnt	ttccagggtan	agtagctntt	tgtacataaa	naataacttga	240
aaaattaatt	gtatgatgta	tgaaaaanaca	nagtctccta	gttttgatn	ttgttgtag	300
actgccatga	gttcaccaa	aaagccactn	tattttgggc	tntgtgacat	tttaaatgcg	360
tgacaaaagt	gagcaaataa	agngaggaan	aaatntatnt	atganataat	atanattgta	420
ttgaaatcta	aaaaaaaaaa	aaaaaaaaaa				450

```
<210> 389
<211> 297
<212> DNA
<213> Homo sapien
```

<400> 389						
cctgcacttg	aacatggctt	tggttttaag	caacttctct	accctgaccc	tcctcctggg	60
acagcgtttc	gggaggtttc	ttggcctcac	tgagagggat	gtggagctgc	tgtaccccg	120
caaggagaag	gtattctaca	gcctgatgag	ggagagcggc	tacatgcaca	tccagtcac	180
caagcctgac	accgtaggct	ctgctctgaa	tgactctcct	ctgggtctgg	ctgcctatat	240
tctaqaqaaq	ttttccacct	ggaccaatac	ggaattccga	tacctggagg	atggagg	297

```
<210> 390
<211> 223
<212> DNA
<213> Homo sapien
```

<400> 390						
ctgggctgga	gagttggtgc	tggcaaaaca	gtccttcccc	tggggcgggt	tcttaccag	60
gtccagagaa	accaacgcgg	gatgtcagac	ttcaccaaaa	ggactttctg	gttgccctgt	120
gctggcttcc	tggaggcgtt	cgctctagt	ttctcagga	tggagcgaga	gccagccag	180
agaacagtaa	gagggtctgc	tctcctatct	gcactcccc	agg		223

```
<210> 391
<211> 365
<212> DNA
<213> Homo sapien
```

<400> 391						
ctgaggaaga	aatgaaaaaa	gaccctgtcc	ctcatggccc	gccactggc	ctcctgtgaa	60
ctctgtcctg	ttgccaaacc	cagatgaagt	cagccaaaaa	gtgctttcca	catcctctct	120
ctggggctgc	ccagcctgac	cgtaggggat	ccactggcag	agccaagggt	gatgctggtg	180
cctgaagctg	gaagccagca	ggacatgaga	cccctcctgt	agcaggaagt	ggttctagaa	240
ctcccagcag	aacagaacgg	aaaaggagct	gattggggat	agaatgagtt	ctgctaaaca	300
qccagatqct	ctcagagagg	tgacactgga	ctgtctcgga	ggtgtgtgca	gatggctaca	360

ggtgg

365

<210> 392
 <211> 302
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 392
 ccaagagcta caatgagcag cgcatacanga cagaacgtgc aggttttttga gttccagttg 60
 actgcagagg acatgaaagc catagatggc ctagacagaa atctccacta ttttaacagt 120
 gatagttttg ctagccaccc taattatcca tattcagatg aatattaaca tggagagctt 180
 tgcctgatgt ctaccagaag ccctgtgtgt ggatgggtgac gcagaggacg tctctatgcc 240
 ggtgactgga catatcacct ctacttaaat cegtcctgtt tagcgacttc agtcaactac 300
 ag 302

<210> 393
 <211> 213
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 393
 ccaataatca agnacaaana ctggatttga ggatggatca gttctgaaac agtttctttc 60
 tgaaacagag aaaatgtccc ctgaagacag agcaaaatgc tttggaaaga atgaggccat 120
 acaggcagcc catgatgccg tggcacagga aggccaatgt cgggtagatg acaaggtgaa 180
 tttccatttt attctgttta acaacgtgga tgg 213

<210> 394
 <211> 334
 <212> DNA
 <213> Homo sapien

<400> 394
 cctaccata atccagagag gcttgcccag aggaggacta cgtggggggac gtgccaccag 60
 aaccctactt gggggcgagg tgctactccg aggtcaaaac ctgctccgag gtggacgagc 120
 cgtagctccc cgaatgggct taagaagagg tgggtgttcga ggtcgtggag gtccctgggag 180
 agggggccta gggcgtggag ctatgggtcg tggcggaatc ggtggttagag gtcgggggtat 240
 gataggctcg ggaagagggg gctttggagg ccgaggccga ggccgtggac gagggagagg 300
 tgcccttgct cgccctgtat tgaccaagga gcag 334

<210> 395
 <211> 174
 <212> DNA
 <213> Homo sapien

```
<210> 396
<211> 140
<212> DNA
<213> Homo sapien
```

```

<400> 396
ctgcaaagcc ttgtgtaacn ttctccagca tttggacca gtacgtgaaa gccacaaca      60
cgttcattgt ctttagtatt acagattatt tttgcataac atttgttggt atctcttgac      120
ggaatcgtcc attccaatgg                                     140

```

```
<210> 397
<211> 318
<212> DNA
<213> Homo sapien
```

<400> 397						
cctcgcttgg	agggcccccg	ggcagcacag	ggaggacgag	cttgtccagc	agaggggtctg	60
gcagaggggtc	ccgcagaggt	ttgggcaggg	ggtctgacat	ccctggctcc	tgctctggct	120
ctggctgccg	ggatttgac	agggccaggt	gcatacagat	gccgtttgag	tcagtctgggt	180
tctggaagta	gtcgatgacc	agggggaagt	agtctgcaag	cacttggttg	cactggggca	240
tgagcagctt	caaggggagg	acgttgcact	cctgctccag	gaacttcctc	atcgtgtcct	300
ggaaaatggc	ctccttgg					318

```
<210> 398
<211> 517
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G
```

<400> 398						
ccttnccttcg	ccatccatc	atcgaccctc	tccagcactt	gctgcaggct	tggtgacca	60
tccaccatgg	cttgaataat	cccggtgagc	tctgtacaga	atggggtaag	ctgtggatgg	120
actacaggct	ggacatacat	gtgaaaggta	gactcaatct	ccatggtcg	gccatttagc	180
tttaggatgg	ggaactcgat	gatttctga	ggatgaatct	gtggcttgct	gcacgtggcc	240
tcaaagtcca	gcactaaaaa	gtagtatac	ctctggagag	ggaaggacac	cattgccgcc	300
atggatgctc	caaagccgtg	ggccgccagc	tttctggtgg	atatggagca	gaactccgga	360
acaccacagg	gagaaaataa	gtgggagccc	agcacttttc	ttgctcttga	aagtaaatac	420
gaagaaaatc	gagctgctcc	agtctgtaaa	ggtgctagca	ttgaacatcc	agaagcatct	480
aaaactctcc	ttacttcqaa	gatgccaaqa	ccggcag			517

<210> 399
 <211> 329
 <212> DNA
 <213> Homo sapien

<400> 399
 ccaacctcag gcaacgggtg gagcagtttg ccagggcctt ccccatgcct ggttttgatg 60
 agcattgaag gcacctggga aatgaggccc acagactcaa agttactctc ctcccccta 120
 cctgggccag tgaaatagaa agcctttcta ttttttggtg cgggagggaa gacctctcac 180
 ttagggcaag agccaggtat agtctccctt cccagaattt gtaactgaga agatcttttc 240
 tttttccttt tttcggtaac aagacttaga aggagggccc aggcacttct tgtttgaacc 300
 cctgtcatga tcacagtgtc agagacgcg 329

<210> 400
 <211> 451
 <212> DNA
 <213> Homo sapien

<400> 400
 ctggcttcac tgctcaggtg attatcctga accatccagg ccaaataagc gccggctatg 60
 cccctgtatt ggattgccac acggtccaca ttgcatgcaa gtttgctgag ctgaaggaaa 120
 agattgatcg ccgttctggt aaaaagctgg aagatggccc taaattcttg aagtctggtg 180
 atgctgccat tgttgatatg gttcctggca agcccatgtg tgttgagagc ttctcagact 240
 atccaccttt gggtcgcttt gctgttcgtg atatgagaca gacagttgcg gtgggtgtca 300
 tcaaagcagt ggacaagaag ctgctggagc tggcaaggtc accaagtctg cccagaaagc 360
 tcagaagcta aatgaatatt atccctaata cctgccaccc cactcttaat cagtgggtgga 420
 agaacggctc agaactgttt gtttcaattg g 451

<210> 401
 <211> 180
 <212> DNA
 <213> Homo sapien

<400> 401
 ccaggaagca ggccagggga ttggcagcac tgcccagcac cacagccagg tggtaggcca 60
 gacgcccgtg gggtaagcag gaaaagctct gcacggcagg cagcacgcca ttggtcagcg 120
 cgttggtggc ggccaacagg cccagcaggc aggcactgcg ggctgataga agctgatagg 180

<210> 402
 <211> 385
 <212> DNA
 <213> Homo sapien

<400> 402
 ccaggccacc tgtgcggggc tcctcgatgt ggaaggttcg ggtgaggaga ttgtagaagg 60
 agccgtagca cacggccacc acagtgcacg tgaggcagat cacgttgtag ggcattgctga 120
 agtccggtgt cggcaggttc accagcagcg gctccgtgta gagccgcaca aagtagttag 180
 agccatcaga gactgggaac aggctgttga agaggggact ctcttcccag tccactggct 240
 tggttgctac catgctgggc acaagggcgc tgaggacaga tgggtgaca tagaagccat 300
 ggtaggatc tggcgtgtac tcggtccact tcagcagcgc ccgctcaaac tggatggaaa 360
 ccttggtgac tgagttggcc ggcag 385

<210> 403
 <211> 440

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 403
ctgtttaacc agnaacccgg ggggtcaccc cccacagaat gtacatgaaa cactagagga 60
ctgcatgttt ttccttgaga gaagcgtaag acaaacagaa gtcaaaaagt agtcactggg 120
agcgccatcc ttctaagcaa atcctccctt tcccttttgg aggatttgcc cgaactacgt 180
agccagtcag cacttagacc acctgcctcc tccccccct ataaaccac cactccctc 240
ctcctttccc aaaccacttg ggggtgctta agcctcact gcccgaagcc caaaatatca 300
gctaagatcc ttgtcagtat ttccacagtc atacctaatg aattgggaag tggggccct 360
aaaaaccaat tcacatctat gcacttggtt ccactggatt tggcagacag gcttttttag 420
ttaccgtaac cagatcttaa 440

<210> 404
<211> 239
<212> DNA
<213> Homo sapien

<400> 404
cctacgaaaa actcccggcc ggtgaagaga acgtcagtgc catccagcgt cgcgtttctcg 60
tctcctatct ccacaattcg gagccccagg tcttgagggg ctttgaggac tccatcgacc 120
tctggcctac gagcggggct ccaggggcgc gtgattaggg ccgtgtcccc ttggatcacg 180
gcggtgtcgc caagcagcgg tcccagcggc aatgactcct cagggtggcag ttctagcag 239

<210> 405
<211> 261
<212> DNA
<213> Homo sapien

<400> 405
ctggagaggc agcccttcac cggatgcccc gctccgtgcc cctgcggggc ccagcacagt 60
ttacctttct cccccacggc ggtcccatct actctgtgag ctgttcccc ttccacagga 120
atctcttctt gagcgtggg actgacgggc atgtccacct gtactccatg ctgcaggccc 180
ctcccttgac ttcgctgcag ctctccctca agtatctgtt tgctgtgcgc tgggtcccag 240
tgcgccctt gggtttttgca g 261

<210> 406
<211> 641
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

<400> 406
ctgctcccgg gcntgggtggc agcaagtaga catcgggcct gtgcagggcc acccccttgg 60
gccgggagat ggtctgcttc agtggcgagg gcagggtctgt gtgggtcacg gtgcacgtga 120

006380"EST.590

```

acctctcccc ggaattccag tcctcctcgc agatgctggc ctcacccacg gcgctgaaag 180
tggcattggg gtggctctcg gagatgttgg tgtgggtttt cacagcttcg ccattctggc 240
gggtccagga gatggtcacg ctgtcatagg tggtcaggtc tgtgaccagg cagggtcaact 300
tgggtgactt ggtgaggaag atgctggcaa aggatggggg gatggcgaag acccggatgg 360
ctgtgtcttg atcggggaca cacatggagg acgcattctg ctggaaggtc aggccccctgt 420
gatccacgcg gcaggtgaac atgctctggc tgagccagtc gctctctttg atggtcagtg 480
tgctggtcac cttgtaggtc gtgggcccag actctttggc ctcagcctgc acctgggtccg 540
tggtgacgcc agacccccacc tgcttccctt cgcgcagcca ggacacctga atctgccggg 600
gactgaaacc cgtggcctgg cagatgagct tggacttgcg g 641

```

<210> 407

<211> 173

<212> DNA

<213> Homo sapien

<400> 407

```

ccagggtactg gcacaatcat gtctggatgg ggggtgggtgt gtctgttagg cagagaaaca 60
ggaaattgtc gtagtcagta tcgagcagcg tggcctcggt cgccaccgta tagttgatct 120
tgaacttctt tggattctca gtcttctctc caaggacctt cttctcaaca cag 173

```

<210> 408

<211> 165

<212> DNA

<213> Homo sapien

<400> 408

```

ccactgtctg cagccatggc agaaagtgtt caaagtccag caccttcaca ttcattctcat 60
cactcttggg gttccccagg accttgagca cctcggcggt ggtagggttc tggcccaggg 120
ccctcatcac atccccacac tggtgtgata ggatcttgcc atcac 165

```

<210> 409

<211> 329

<212> DNA

<213> Homo sapien

<400> 409

```

ctgtagcttc tgtgggactt ccactgctca ggcgtcaggc tcagatagct gctggccgcg 60
tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacctat gagacacacc 180
agtgtggcct tgttggttg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
gcagccttgg gctgaccaag gacggtcagc ttggtccctc cgccaaatac cgccggataa 300
gcaccactgt tgtctgctga ttgacagaa 329

```

<210> 410

<211> 235

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1) ... (235)

<223> n = A,T,C or G

<400> 410

ccatcagnga	gaaaggtggt	tgctcagttgt	ttcacaaacc	agattgagga	ggacaaaactg	60
ctctgccaat	ttctggattt	ctttattttc	agcaaacact	ttcttttaaag	cttgactgtg	120
tgggcactca	tcctaagtga	gaataatcat	caagggtttg	ttgcttgtct	tggatttata	180
tagagctttt	tcatatgtct	gagtcagat	gagttggtca	ccccaacctc	tggag	235

<210> 411
 <211> 294
 <212> DNA
 <213> Homo sapien

aattaaggga	agatgaagat	gataaaacag	ttttggatct	tgctgtggtt	ttgtttgaaa	60
cagcaacgct	tcggtcaggg	tatcttttac	cagacactaa	agcatatgga	gatagaatag	120
aaagaatgct	tcgcctcagt	ttgaacattg	accctgatgc	aaagggtggaa	gaagagcctg	180
aagaagaacc	tgaagagaca	gcagaagaca	caacagaaga	cacagagcaa	gacgaagatg	240
aagaaatgga	tgtgggaaca	gatgaagaag	aagaaacagc	aaaggaatct	acag	294

<210> 412
 <211> 433
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

cctgagaagc	cagaggcagg	tggagagggg	gtggaaagtg	agcagcgggc	tgggctggag	60
ccgcacacgc	tctcctccca	tgttaaatag	cacctttaga	aaaattcaca	agtccccatc	120
cacaaaaaaa	aaaanaanaa	aaatttcagg	gantaaaaat	anactttgaa	caaaaaggaa	180
catttgntgg	cctggggggg	catctnantt	tntntagcnc	cagngattcc	ctccccnccc	240
cacccatcac	atanatgtaa	cacctttggt	ntaaaatggg	gagccgtttc	caccntgccc	300
ccntccccgc	ccccaggcag	ttgccccggn	gacacntcaa	gacaggancg	aggtagtntt	360
tcancancac	agttncacaa	ggaacagaa	agtntctccc	gcccagccct	gcggcacaag	420
ggattgacac	gcn					433

<210> 413
 <211> 494
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(494)
 <223> n = A,T,C or G

ccttatttct	cttgtcnctt	cgtacagggg	ggaatttgaa	gtagatagaa	accgacctgg	60
attactccgg	tctgaactca	gatcacgtag	gactttaatc	gttgaacaaa	cgaaccttta	120
atagcggctg	caccatcggg	atgtcctgat	ccaacatcga	ggtcgtaaac	cctattgttg	180
atatggactc	tagaatagga	ttgcgctggt	atccctaggg	taacttgttc	cgttgggtcaa	240
gttattggat	caattgagta	tagtagttcg	ctttgactgg	tgaagtctta	gcatgtactg	300
ctcggaggtt	gggttctgct	ccgaggtcgc	cccaaccgaa	atttttaatg	caggtttggt	360

agtttaggac ctgtggggtt gttaggtact gtttgcatta ataaattaaa gctccatagg 420
gtcttctcgt cttgctgtgt tatgcccgcc tcttcacggg caggtcaatt tcactgggta 480
aaagtaagag acag 494

<210> 414
<211> 294
<212> DNA
<213> Homo sapien

<400> 414
ctgggcggtat agcaccgggc atatttttga atggatgagg tctggcaccg tgagcagtcg 60
agcgaggact tggctcttagt tgagcaattt ggctaggagg atagtatgca gcacgggtct 120
gagtcctgtg gatagctgcc atgaagtaac ctgaaggagg tgctggctgg taggggttga 180
ttacagggtt yyyaacagct cgtacacctg ccattctctg catatactgg ttagtgagggt 240
gagcctggcg ctcttctttg cgctgagcta aagctacata caatggcctt gtgg 294

<210> 415
<211> 421
<212> DNA
<213> Homo sapien

<400> 415
ccttgcccct gccctcccac gaatgggttaa tatatatgta gatatatatt ttagcagtga 60
cattcccaga gagccccaga gctctcaagc tcttctctgt caggggtgggg ggttcagcct 120
gtcctgtcac ctctgagggtg cctgctggca tctctctccc catgcttact aatacattcc 180
cttccccata gccatcaaaa ctggaccaac tggcctcttc ctttcccctg ggacccaaat 240
ttaggggcct cagtcctctca ccgccatgcc ctggcctatt ctgtctctcc ttcttcccc 300
tggcctgttc tgtctctgag ctctgtgtcc tccgttcatt ccatggctgg gagtcaatga 360
tgctgctctt gccttctgat gctggactgg ccttgcttct acaagtatgc ttctcccaca 420
g 421

<210> 416
<211> 342
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 416
ccactttctt tcccacnctg gaaggcggca tctatgactt cattggggag ttcataaagg 60
ccagcgtgga tgtggcagac ctgataggtc taaaccttgt catgtcccgg aatgccggca 120
agggagagta caagatcatg gttgctgcc tgggctgggc cactgctgag cttattatgt 180
cccgtgcac tcccctatgg gtcggagccc ggggcattga gtttgactgg aagtacatcc 240
agatgagcat agactccaac atcagctctg tccattacat cgtcgcgtct gctcagggtc 300
ggatgataac acgctatgat ctgtaccaca ccttccggcc gg 342

<210> 417
<211> 389
<212> DNA
<213> Homo sapien

006280"EST5960

<400> 421
ccttctgtt gttgtttcaa atgctgcttg atttctcgta acagatctgc atctatgtaa 60
tacctttcct cagatctgac tgctccaaaa tgattctgca tcttgatttg agacatcaat 120

```
<210> 422
<211> 424
<212> DNA
<213> Homo sapien
```

<400>	422						
cgaggtccaa	atctgatctg	cagatgcaga	agattcgaca	gaagctgcag	actaaacagg		60
ctgccatgga	gaggtctgga	aaagctaagc	aactgcgagc	acttaggaaa	tacgggaaga		120
aggtgcaaac	ggaggttctt	cagaagaggc	agcaggagaa	agcccatatg	atgaatgcta		180
ttaagaaata	tcagaaaggc	ttctctgata	aactggattt	ccttgagggg	gatcagaaac		240
ctctggcaca	gcacaagaag	gcaggagcca	aaggccagca	gatgaggaag	gggcccastg		300
ctaaacgacg	gtataaaaac	cagaagtttg	gttttggttg	aaagaagaaa	ggctcaaagt		360
ggaacactcg	ggagagctat	gatgatgtat	ctagcttccg	ggccaagaca	gctcatggca		420
gagg							424

```
<210> 423
<211> 256
<212> DNA
<213> Homo sapien
```

<400> 423						
ctgtggccta	gggctacctc	aagactcacc	tcataccttac	cgcacattta	aggcgccatt	60
gcttttgga	gactggaaaa	gggaagggtga	ctgaaggctg	tcaggattct	tcaaggagaa	120
tgaatactgg	gaatcaagac	aagactatac	cttatccata	ggcgcaggtg	cacaggggga	180
ggccataaa	atcaaacatg	catggatggg	tcctcagcga	gacacacca	cagaaggaca	240
ctaqcctgtg	cacgcg					256

```
<210> 424
<211> 330
<212> DNA
<213> Homo sapien
```

<400> 424						
ccagccgcat	gggagtggag	gcagtcacgc	ccttgctaga	ggccaccccg	gacaccccag	60
cttgctcgt	gtcactgaac	gggaaccacg	ccgtgcgcct	gccgctgatg	gagtgcgtgc	120
agatgactca	ggatgtgcag	aaggcgatgg	acgagaggag	atttcaagat	gcggttcgac	180
tccgagggag	gagctttgcg	ggcaacctga	acacctacaa	gcgacttgcc	atcaagctgc	240
cggatgatca	gatcccaaag	accaattgca	acgtagctgt	catcaacgtg	ggggcaccgc	300
cggctgggat	gaacgcggcc	gtacgctcag				330

```
<210> 425
<211> 333
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G
```

<400> 425
ctgctccatg gntctaaagt cagcaccacc cacaccaca atgatcactg acatgggcag 60

```
<210> 426
<211> 411
<212> DNA
<213> Homo sapien
```

<400> 426								
gggtgttcat	catgaggatt	gcttctgcc	tggagctgat	ggacgtgggc	aggttgctga		60	
gaaggtgggg	tggaagtgag	tgccgggggt	gggtgagtgc	cctggtcttg	ttcatagggg		120	
agcctttccc	tagcagtgga	acgctgtggt	cattttctct	agcatattcc	cttgggaagt		180	
ctagatttgc	tattaattctg	gctgagaatc	taagttctgt	gcctatagaga	cagtttgcac		240	
tttcccatat	tgtgcttggg	acagccatat	gatttttttt	cccacaaac	aagtatgcaa		300	
acagaaacca	gttcaaaggg	ggtatggtgta	aaagatgagg	cagtanaaat	gcctttgaat		360	
qggtttctgt	agctaattct	ctttaaattt	tgtcctgctt	tttttcttta	t		411	

```
<210> 427
<211> 450
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1) ... (450)  
<223> n = A,T,C or G
```

<400> 427						
acgtgtacaa	gtttgaactg	gatacctctg	aaagaaagat	tgaatttgac	tctgcctctg	60
gcacctacac	tctctactta	atcattggag	atgccacttt	gaagaaccca	atcctctgga	120
atgtggctga	tgtggncatc	aagtccctg	aggaagaagc	tcctctgact	gtcttgctcc	180
agaacctttt	cactccaaaa	caggaaattc	agcacctgtt	ccgcgagcct	gagaagaggc	240
ccccaccgt	gggtgtccaat	acattcactg	cctgtatcct	ctgcgcgttg	ctctgtctct	300
tcgctctctg	gatccggatt	ggtgccaatg	tctccaactt	cacttttgtc	cctagcacga	360
ttatatattca	ctcgggacat	gctgctatgc	tgggactcat	gtatgtctac	tggactcagc	420
tcaacatggt	ccagaccttg	aagtacctgg				450

```
<210> 428
<211> 377
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G
```

```
<210> 429
<211> 206
<212> DNA
<213> Homo sapien
```

```
<210> 430
<211> 473
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(473)  
<223> n = A,T,C or G
```

```
<210> 431
<211> 215
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(215)  
<223> n = A,T,C or G
```

<400> 431

cctgtatnaa	gctanaaaaa	gactaccagc	ccgggatcac	cttcacgtg	gtgcagaaga	60
ggcaccacac	ccggtcttc	tgcactgaca	agaacgagcg	ggttgggaaa	agtggaaaca	120

ttccagcagg cacgactgtg gacacgaaaa tcacccaccc caccgagttc gacttctacc 180
tgtgtagtca cgctggcatc caggggacaa gcagg 215

<210> 432
<211> 391
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 432
ccagcactgc cacaaacttt ttcagggcca ccaggcgctg cccttccagg accgggaacc 60
tgcccacttc tatccgcagg atgtagtgca gtgcagattc caggtcagcc atgtagatcc 120
tggagcgatc tgccaatttc caaacagtgg gagctatctt gttagcagt gttggtgcaa 180
ctgtggtctg ggcagcctcc ctggtgagcc cagagagtct ctgcaggtaa gcggtataga 240
aggacctgga ttccatgagc acggggactc gggagacgga gccattccgg aacagcaggt 300
agcaagaggg gaagtcggtg acaccaaact ttctcaccac attggcctct gtgttcagca 360
ccctgcgcac cgccacnctt ttgtgctggg a 391

<210> 433
<211> 420
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 433
ctgtagcttc tgtgggactt ccaactgctca ggcgtcaggc tcagatagct gctggctgcg 60
tacttggtgt tgctttgttt ggagggtgtg gtggtctcca ctcccgcctt gacggggctg 120
ctatctgcct tccaggccac tgtcacggct cccgggtaga agtcacttat gagacacacc 180
agtgtggcct tgttggttgg aagctcctca gaggagggcg ggaacagagt gaccgagggg 240
gcagccttgg gctgacgtag gacggttagt ttggnccctc cgccgaatgc cgcanttcta 300
ctgtcccaca cctgacagta atagtcncc tcattcttcgg cttgggctct gctgatggtc 360
aggggtggccc gtgntccccg agttggagcc aggggaatcnc tcagggatcc canagggccn 420

<210> 434
<211> 239
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 434
ccaaccanga gagaaggat cgctggtgc ccagggccca ccaggagctc caggccact 60
tgggattgct gggatcactg gagcacggg tcttgcagga ccaccaggca tgccaggctc 120

```
<210> 435
<211> 415
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G
```

<400> 435					
ctgtccaatg	gcaacaggac	cctcactcta	ttcaatgtca	caagaaatga	cgcaagagcc 60
tatgtatgtg	gaatccanaa	ctcagtgagt	gcaaaccgca	gtgaccagtg	caccctggat 120
gtcctctatg	ggcgggacac	ccccatcatt	tcccccccag	actcgtctta	cctttcggga 180
gcaaacctca	acctctcctg	ccactcggcc	tctaaccat	ccccncanta	ttcttggcgt 240
atcaatggga	taccgcagca	acacacacaa	gttctnttta	tcgccaaaat	cacgccaaat 300
aataacggga	cctatgcctg	tttagggntn	taacttggnt	actggcgcga	anaattccat 360
agtcaagagc	atcacagnct	ctgcatntgg	aacttctcct	ggctntcaga	cctgn 415

```
<210> 436
<211> 152
<212> DNA
<213> Homo sapien
```

<400> 436						
ccaggattga	caggccatcc	attcacagcc	aggagatgct	gggccagtc	ctccaagagg	60
tctccgtcat	ggcagtgatg	aaaacctaac	aggggtggccc	cctgtgccag	ctcaggtgac	120
tggagcccca	gggcctgaca	ggttcccagc	ag			152

```
<210> 437
<211> 174
<212> DNA
<213> Homo sapien
```

<400> 437						
ccagg	tactg	gcacat	catg	ctctgg	atgg	60
ggaaat	tgtc	gtagtc	agta	tgcgac	agct	120
ttgaact	tctc	ttggatt	tctc	agtctt	tctc	174

```
<210> 438
<211> 485
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G
```

<400> 438
ccacggccct ctcggccctc tcgctgggag cggagcagcg aacagaatcc atcattcacc 60

```

gggctctcta ctatgacttg atcagcagcc cagacatcca tggtagctat aaggagctcc 120
ttgacacggg caccgcccc cagaagaacc tcaagagtgc ctcccggatc gtctttgaga 180
agaagctgcg cataaaatcc agctttgtgg cacctctgga aaagtcatat gggaccaggc 240
ccagagtctt gacgggcaac cctcgcttgg acctgcaaga gatcaacaac tgggtgcagg 300
cgcagatgaa aggggaagctc gccnggtcca caaaggaaat tcccgatgag atcagcattc 360
tccttctcgg ngtggcgcac ttcaaggggc agngggtaac aaagtttgac tncagaaang 420
acttcctcgg aggatttcta cttggatgaa gagaggaccg tgaggggtccc catgatgtcg 480
gaccc 485

```

```

<210> 439
<211> 317
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

```

```

<400> 439
gggcgctctt cccctccatc gtggggcgcc ccaggcacca gggcagtgat ggtgggcatg 60
ggtcagaagg attcctatgt gggcgacgag gccagagca agagaggcat cctcaccctg 120
aagtacccca tcgagcacgg catcgncacc aactgggacg acatggagaa aatctggcac 180
cacaccttct acaatgagct gcgtgtggct ccgaggagc acccgtgct gctgaccgag 240
gccccctga accccaaggc caaccgcnag aagatgacct agatcatgtt tgagaccttc 300
agcaccacag ccatgta 317

```

```

<210> 440
<211> 338
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

```

```

<400> 440
ccanaaagac ttcccaggga agatgcttgg ctctctgctc caagggtgggc catggtatag 60
ggccctcgaa gggcttgtgg ctgggggtgat ccaggggggc attgctcaaa gtgcacagga 120
ggtggcagca ggtcaggcg agttcctgtt ccaggggacat caggaggagg ggtagaagcc 180
tagggagtgt gcgaggctgc tgggatgagg gagctcaggg gctaccagct aaccagctc 240
agctcaatgg tttctccatc cttgggtctg tagtcagcaa taccttgcaa cagtgggggtg 300
ttgggtctc ggagaagctg ccagaactcc ctttctcc 338

```

```

<210> 441
<211> 505
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

```

00651563 000900

<400> 441

<211> 386

<213> Homo sapien

<221> misc feature

<223> n = A, T, C or G

<400> 442

<211> 404

<213> Homo sapien

<221> misc feature

<223> n = A, T, C or G

<400> 443

<211> 318

<213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 444
 catgggctat agtgcgctat gttgatctgg tgttcattgct aagttccgca tcaatatngc 60
 gacttcttng gagtggggga ccaccangtt gcctaaggag ggggtgaacct gcctacgttg 120
 gaaatagagc tgggtcaaac tcctgtgctc atcagtagta gaattgcacc tgtgaatagc 180
 caccgccctc cagcntgggc aacatagcaa gaccctgcct ctttaagataa aaattggaaa 240
 acactggtan gaaaaaaagg ctgtttgggc taaanaagtc tggatnnggt ataatgaca 300
 cnaantatc atgactnt 318

<210> 445
 <211> 418
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 445
 ccagtcacaac ctgtcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60
 cttcaattgc caattgggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
 aggtgccaaa tcccaggaca ggcattgaagt gaccatcatt cagcttcaca cactgatatt 180
 tcgaatccat ttctgtcact agcctggctg gcaaattgtt ctttcttctt ccttcacagg 240
 ctataagagc aatgagctgg caacgcccct gagcacactg tctgctgntt aaccaatggc 300
 atgtgagagg agggacagag gcagtcttac acaagctgtg ataaaaattg catncagttc 360
 aaccagtttc ttacnttatt ctaatgngna ggaagtgtgn gaagagcaca aagtcaga 418

<210> 446
 <211> 361
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 446
 ctgtccaatn acaacaggac cctcactcta ctgagtgtca caaggaatga tgtaggaccc 60
 tatgagtgtg gaatccanaa cgaattaant gttgaccaca gcgacccagt catcctgaat 120
 gtcctctatg gccagacga cccacacntt tccccctcat acacctatta ccgtccaggg 180
 gtgaacctca gcntctcctg ncatgcagcc tctaaccacac ctgcacagta tccttggtg 240
 attgatggga acntccagna acacnacaca agagctcttt atctccancn tnactganaa 300
 gaacagcgcg actctatncc ttccaggggg ggggggtggg gnntgnggac cttncggggc 360
 c 361

<210> 447
 <211> 321

0065453 03500

```
<220>  
<221> misc_feature  
<222> (1)...(321)  
<223> n = A,T,C or G
```

<400>	447						
ccagganant	ggttcccca	aggggacctc	acccgccccg	agctctggag	ccgctgacgc		60
tcgcatccag	gacatttgag	atgggaatcc	aaataggcta	cttgnaaaag	acgtgctgca		120
ngcagccctg	gagagactca	tggagttcat	tgtacattac	tccatctacc	gaggcagcgc		180
atggcatgac	tnaacggctt	gnaacaaaca	canaaattac	caccacaaac	attcaggaac		240
caaatataat	ctgctatggt	cacaccacag	acaatgcagg	aagaggcttt	ttattgctng		300
ngtgngtttt	caaatcatgt	t					321

```
<210> 448
<211> 325
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G
```

<400>	448						
ccagcttcaa	cttttttagta	tagaagatac	aggatcacaa	aaaggagact	acgcttttgca		60
aacatagcat	caaaattcaa	ctttttctctt	tgcagtttat	ccatggngtc	agcatacctt		120
gcaagggaag	ctacttacat	caaataaact	ttctatatac	atttccctcat	tgaccttttc		180
tcaaagaata	tcttggtttt	gccgaacaaa	cataatatag	gngtctgcca	gatccattcc		240
tggtttctgt	ngtgaaggaa	aagcaggggg	aacaaaataa	tatcagggtc	tcaatngtga		300
nattattatt	taatcatacc	ctgan					325

```
<210> 449
<211> 123
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G
```

```

      <400> 449
cattaatntt ggaagcgatg gtgtggatta catcagtgtt agggcatggt gtggatatta      60
ttacattann attggaagcg atggtgtgga ttacatcagt gatagggcac ggtgtggata      120
tta                                              123

```

```
<210> 450
<211> 328
<212> DNA
<213> Homo sapien
```

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 450
 ctggcaattt tgagctgccg gttatacacc aaaatgttct gttcagtacc tagctctgct 60
 cttttatatt gctttaaatt tttaaagaaa ttatattgca tggatgtggt tatttgtgca 120
 tattttttta caatgcccaa tctgtatgaa taatgtaaac ttcgattttt ttttaaaaaa 180
 attagatttt agctggagct tttgactaat gtaaagtaaa tgccaaacta cgcacttgat 240
 nnggatgttt ttgtaangtt aatttttctaa gactttttca catccaaagt gatgctttgc 300
 tttgggtttt aactgtttca acntnggn 328

<210> 451
 <211> 209
 <212> DNA
 <213> Homo sapien

<400> 451
 ctgccttggt tcaacagaca tgcaaagatc ctaggagaca gtcccatag accttcagac 60
 attaaaaagg gagccgtaca gtttgtttga agcacttcgt cttaccatt tatgcagggg 120
 cccaggaaa cttacacaca gccagaatga ggttcccaa ggacttacat taattatggc 180
 tcttgcttcc tttcacaaat gagctgagg 209

<210> 452
 <211> 457
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 452
 ctgtctantc cttcaagag ctgtttatag aagcttgaga atggggtaaa aatttctgct 60
 agcaaatca agttctttt gaaattttat cagtaatcca gaatttagta gtccatgcct 120
 tctcactcag catttagaaa taaaatgtg gtttcttaaa cgtatattct ttcattgata 180
 tttccacatt tttgtgcttg gatataagat gtatttcttg tagtgaagtt gttttgtaat 240
 ctactttgta tacattctaa ttatattatt tttctatgta ttttaaattgn atatggctgt 300
 ttaatctttg aagcattttg ggcttaagat tgccagcacc acacatcaga tgcagtcatt 360
 gttgctatca gtgtggaatc tgatagagtc tngactccgg ccacttgagg ttgtgnactc 420
 caaagctaag gacagtgatg aggaagatgg catgtgg 457

<210> 453
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 453
 ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaagca gataaggaaa atgactacga gggcgtgatc atgaaagggtg 240

006330-039T5960

ataagctctt ctatgatagg ggaagtagcg tcttgta

277

<210> 454
 <211> 198
 <212> DNA
 <213> Homo sapien

<400> 454
 gttaaaagat agtaggggga tgatgctaataatcaggctg tgggtggttg tgttgattca 60
 aattatgtgt tttttggaga gtcatgtcag tggtagtaataaattgttg ggacgattag 120
 ttttagcatt ggagtaggtt taggttatgt acgtagtcta ggccatatgt gttggagatt 180
 gagactagta gggctagg 198

<210> 455
 <211> 608
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (608)
 <223> n = A,T,C or G

<400> 455
 ctgagcaagc taaggaccag gggcaactag accctaataa tngtacttt tgaaaatgat 60
 acaaaactacc ttggttgtaa gaagtgcagg ttgaacactt taggagaaca gtcttcaaac 120
 tggcaattca aaatttccca ttatatgtga ataaaatttg aaggatgttaaatgtccatg 180
 gaaagtact cttgtaagtt aggatgcctt atactgaggc tttanaatga aagtacactt 240
 cacaaatgga atagtgaaca taaattacca gaagtcaaga taatagtcactagtaagg 300
 taagcaaggt aaattccctt atacacaaaa attattttga tgaccttttt caataatgaa 360
 tctgaaatga agtgttttaa aaagctccct aaacacaaaa cgaacataaa actgcttaat 420
 aactttagag ctcatgtaat attcttgctg aaaacagtta ctgaaattac cagcgaaatg 480
 atggaatata tttaaagcag gncactcngt ataactctgga ataatttcat ttgctaactt 540
 ttaagaagta ttctctggac tataaatcnt gggcaaatag acttccactt tattattacc 600
 ccaaatta 608

<210> 456
 <211> 467
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (467)
 <223> n = A,T,C or G

<400> 456
 cctggacctg tgtaaacctt caaacactct tttttacatt aggtcgtgaa gttaaatttt 60
 ttactgtttc tgtgctacag actcttcaaa gggaaatagt taagtcaatt tcaaagaaaa 120
 tgaccagcac atttttaaaa cattagaaat gatttgactt tgactatcta ctgccaaaaa 180
 aagggttaagg aatttgtaat gagaagctaa aaactttaag gaattttaag gaactcaaaa 240
 caaaaactca ttaaagttaa ttaaagttaa ttctacaaat aaagcctctt aatacatttc 300
 tataatagtc acttaagact taaattcaaa cactagcaaa ccacaaaatc agactgtntg 360
 actgacatcc aaaagataaa tataaatcaa aatccgaccc cagcattagc caaggggtag 420

006222 032560

gtgttctctt tgaggaaggc aggaattcct cttctgccac ctgttgg

467

<210> 457
 <211> 183
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 457
 ccaaattttt tacttlaaac actgaaaaca gaggaagtta ataaaaattt taacctataa 60
 agtcccctgg ttgttagtca ttaacagcag attgtcagat aagactggta aaatgatggc 120
 tgctaagcat ttgatgatcc aggcgagga tgatcaaac gcagcagatc atgcacgtga 180
 cag 183

<210> 458
 <211> 445
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 458
 gaaaaatata aagccaaaaa ttggataaaa tagcactgaa aaaatgagga aattattggt 60
 aaccaattta ttttaaaagc ccatcaattt aatttctggt ggtgcagaag ttagaaggta 120
 aagcttgaga agatgagggt gtttacgtag accagaacca atttagaaga atacttgaag 180
 ctagaagggg aagttgggta aaaatcacat caaaaagcta ctaaaaggac tgggtgtaatt 240
 taataaaaaac taaggcagaa ggtttttgga agagttagaa gaatttggaa ggccttaaat 300
 atagtagctt agtttgaaaa atgngaagga ctttcgtaac ggaagtaatt caagatcaag 360
 agtaattacc ancttaatgt ttttggcntt ggactntgag ttaagattat tttttaaatc 420
 ctgaggacta ncattaatgg gacag 445

<210> 459
 <211> 426
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 459
 cctatgatan cttctctagc tatcatactc caatcagcaa aaaatgagaa aatgttgaga 60
 aatagaagat aattcctcat ttaaggccac cttctagaat ttgtgcttaa gattctgctt 120
 tcttctcatg ggccagcact tcggcaactg gcaaaaatta ggtgtacagg gatctaggta 180
 atactgttta tttgagcaat aatatattgt gctaacgttc aggcaccta ttactgagaa 240
 ataagggaat atgagtgtaa agtacaacta agagtctcgg cgacagggaa aaataccatc 300

006280 "E45T5960

```
<210> 460
<211> 348
<212> DNA
<213> Homo sapien
```

<400>	460						
tttta	aaatgttatt	tttcatatca	tttataacct	tgtcacaaatc	cacttaaaga		60
ggtta	tatttcactg	aaaattttct	tccagagtag	gttttttttc	gtgggttggg		120
acttt	actacaatta	gtaagtntgg	tgcaaatct	catgcaaat	aggagtgcag		180
tgata	atntaaacat	atntaaacaa	aaacaaaaaa	aatgaatgca	caaacttgct		240
ttaga	tctactgcagc	ttctaggacc	cggtttcttt	tactgatnta	aaancaaaac		300
aaanta	annacnttgt	gcctgaaatg	aancttggtt	ttttntna			348

```
<220>  
<221> misc_feature  
<222> (1)...(378)  
<223> n = A,T,C or G
```

```
<210> 462
<211> 197
<212> DNA
<213> Homo sapien
```

<400> 462

gcgagggtcca	cactattaaa	agctgttggg	taattgaagg	tgatataaaa	tgactgtcnt	60
catttgaggt	gngcagcaca	nttacttcat	gttgctcang	tttanaacaa	tntccctgn	120

aagttctcac acagatnggn agaaatcata cctantntng gtnaatcact atggcagccg 180
 tngaagaatn taagaga 197

<210> 463
 <211> 279
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 463
 cataagtgat gangaggnaa aatcantnaa taagcctaca acntagaata cattaaaact 60
 tgcacatata catgttcaca gcatgtatac aatgataatc cctacggttt aaccaagtta 120
 tggttccctt ctacagcaga cacaaaacca aggtgaacta ggtnggcaga tgtanaggga 180
 ataccaaaaa aagggtaatn ngntcactga ttctgaagna tntgactgan catactgagc 240
 ttctgnactt tgggaatgca tnnaggnac aatatcttg 279

<210> 464
 <211> 552
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 464
 gatgggttga taggtgcagc aaaccaccct ggcgcatggt taccaatgta acaaacctgc 60
 acatcctgca caggtactcc aaaactaaaa gtaaaaaat ctaaaagaaa aaagaaaaag 120
 aattaaacc aaatcactt ccccatctgg acttgattta gatgaaaagc ttctggactt 180
 tgagctgatg ctatagtggg ttgaaaattt tggggctctc agaaggggat gaggatata 240
 tgcagagag agcaacatga atcatngaga gccagagtat agagagnggt gggtagactg 300
 taggagagcc ctcaatgatc ccggtgtct tgtattcgcg ttgcacttac ttgtataata 360
 tggcagatgg gatgtgatgt cactttcaag attangttat aaatagacta tggcttcaat 420
 cagagggttt tcttctctgt ctanctctct tttgggtagn ttcattctga gagaaagoca 480
 nacctcngcc gcnaccacg ctaaggggcg anttccagcn cactggcggc cngttactag 540
 tggatccgng ct 552

<210> 465
 <211> 444
 <212> DNA
 <213> Homo sapien
 <220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 465
 ccactcttgg tagaaacctt gaaactttca ccttgctggg ctttagcaaa gtttcctttt 60

```

acagttctgt ttatgagctt cagctactga taaagcactt cctgaacttc tctattatca 120
tagngaccct ctgaataacc tgagtgactg gctcggcaat tcgctttata accattctta 180
ttcccaaagt tggagcacat aaacatttag atgtcttttc ctgtaaaata ttctagacat 240
ttacccaaac tctagttcaa catatactca acttgactg tatatctccc tgcttttttg 300
agacagagaa gaaattcagg aggtgnccca tctccagagt ttctctgttg gaaagcagcn 360
atcaagaanc ctttaaaaaa ttggtgtnaa gcntngcnc ctgcagaaat gcntngcccc 420
acattattct tctgggnaa agna 444

```

```

<210> 466
<211> 381
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

```

```

<400> 466
cctactatgg gtgttaattt tttactctct ctacaagggt ttttcctagt gtccaaagag 60
ctgttcctct ttggactaac agttaaattt acaaggggat ttagagggtt ctgtgggcaa 120
atttaaagtt gaactaagat totatcttgg acaaccagct atcaccaggc tcggtagggt 180
tgtcgctctt acctataaat cttcccacta ttttgctaca tagacgggtg tgctctttta 240
gctgttctta ggtagctcgt ctggnttcgg gggctcttagc tttggctctc cttgcaaagt 300
tatttctagt taattcatta tgcannaggt ataggggnta gtccttgcta tattatgctt 360
ggttataatt tttcatcttt c 381

```

```

<210> 467
<211> 95
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(95)
<223> n = A,T,C or G

```

```

<400> 467
cctatanatt ntggnttgta tactgggtcc tgaaaaccct cttggngctc tgtttttaag 60
gagctgaanc caangancgc caataataat acttt 95

```

```

<210> 468
<211> 224
<212> DNA
<213> Homo sapien

```

```

<400> 468
cagtggtct ctgatgcctt gcctgcagca gaaggaggga gcagagatca agaggaagga 60
aaaaatcata tgtacttatt tgaaggtaaa gattattcta aagagcccag taaggaagac 120
agaaaatcat ttgaacaact ggtaaaccct cagaaaaccc ttttgagaa agctagtcaa 180
gagggccgat cactccgaaa taaaggcagt gttctcatcc cagg 224

```

```

<210> 469
<211> 416

```

<212> DNA

<213> Homo sapien

<400> 469

ctgagttcta	gttcaaaagc	tttatcctta	acttcgtcat	gtactatgta	aattctagaa	60
tagaaaaggg	aaaggtaaga	ttttggtaac	ctccaaacat	tgaagtagtt	cacagaccca	120
aagtcagtac	aaattagaat	gtccatccat	aataaaaagta	tctataaaat	tacacagaca	180
cattctacat	agtattttaac	attagagaag	acaaattaca	cagggactga	aataaaatga	240
aacatctact	ctcccgacaa	atggtgaata	tacctaatca	acccaagttc	agtttatttt	300
tgcacattgc	tttagagata	taacttggct	gggcacagt	gtcacacct	gtaatcccaa	360
cactttggga	gaccaaggcg	gatggatcac	ttgaggtcag	ttcgagacta	gcctgg	416

<210> 470

<211> 376

<212> DNA

<213> Homo sapien

<400> 470

caccttttaa	ctgtatcaca	aagtctgttg	ctgtgggttac	agcctttggt	tccagtgatg	60
ttttgtccat	gctttccccc	aacccttaac	aatgggtact	caaaagaatg	aaataatgag	120
tcattcatte	gggaatatgt	taaaatatcc	ctctttatca	ttacatttca	ctgcttagaa	180
actaggctgt	aattcaaggc	aacagttaag	tctgagaact	gttaaaaaaa	tctttgattt	240
tttttcattt	ttaagaaaaa	cctgcctatt	taattgttca	gacttgtaag	aggttcttca	300
attacatcct	ttttgggttaa	tgtattattt	ctggaacaag	tagataaaat	tctacgcagt	360
aagcataata	aaaatc					376

<210> 471

<211> 357

<212> DNA

<213> Homo sapien

<400> 471

ggcttcgtat	aatggttctt	ttgtcacccc	tgatcgacga	tttcgctacc	cgtacaactc	60
tgacaaggga	acgaaatgct	tctgtgtatt	cacctagtgg	tctgtggaac	agaagaacaa	120
caactccacc	ggatagtggg	gtactgtttg	aagggttagg	catttcaaca	agacctagag	180
atgttgaaat	tctcagttt	atgagacaga	ttgcagtaag	gaggccaact	acggcagatg	240
aaagatcttt	gcggaaaatt	caagaacaag	atattattaa	ttttagacga	actctttacc	300
gtgctgggtg	tcgagttaga	aatattgaag	atggtggccg	ctacagggat	atttcag	357

<210> 472

<211> 557

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(557)

<223> n = A,T,C or G

<400> 472

cngagatgac	atttacaatc	tcttgaaang	cagcagatgg	cactctggtg	cttcctatga	60
agcaacatgc	ttgaaatcaa	gggccaacaa	ttgtttagg	aaagcaaaat	atacctctaa	120
cacctacgtt	tacaaaaaaa	gtgacatct	caaactctga	gttggtgaga	ctcaaatctc	180
tcaccccaa	agaagcctat	tacggtagt	tgntggatgc	ttttgtatc	tctgataggc	240

```

aggcactata atggggggaa atactttctga ataaaaacat tggctgtctt gcaactgtgc      300
atataatgtc tattcaaggg ggcagtgtgc ctagcatgat cctgaaatgt tgagataaaa      360
ggaagtgtgc attaaagcac tatttgtctt atatgaaaag agtgactcta tcttccagta      420
aacaagantt cctgcaatga aaaagaaatt ttttccttca ttatctataa actatacaaa      480
ataaccttcc tttttaacct aagactcaaa cattnatatt tgattttatt ctatttgata      540
ccaattggta tgtccag      557

```

```

<210> 473
<211> 264
<212> DNA
<213> Homo sapien

```

```

<400> 473
cctccatcaa cagaaaggat aaagacccct tggggtctcc tcattaattc tgaactggaa      60
aagccccaga aagtcaggaa agacaaggaa ggaacacctc cacttacaaa agaagataag      120
acagtgttca gacaaagccc tcgaaggatt aagccagtta ggattattcc ttcttcaaaa      180
aggacagatg caaccattgc taagcaactc ttacagaggg caaaaaaggg ggctcaaaag      240
aaaattgaaa aagaagcagc tcag      264

```

```

<210> 474
<211> 165
<212> DNA
<213> Homo sapien

```

```

<400> 474
aattcagctt ccagaggccc ttattagtcc ttgttgacag aaacatagat ttggcaactc      60
ctttacatca tacttggaac tatcaagcat tgggtgcacga tgtactggat ttccatttaa      120
acagggttaa tttggaagaa tcttcaggag tggaaaactc tccag      165

```

```

<210> 475
<211> 417
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

```

```

<400> 475
aagttctctt cttgttttaa acacattcct gataacttct aaagatgacc aaaataaaac      60
agaatatcta cagagatcat tttctgaatt ttttgtacat ccaaggataa caacataaaa      120
aaaataaaac tggacagcat tccacatcca agtgcacaga accatttttg caagattaaa      180
taatgtaaac attgggaaca gccaaatcag cgaagaatgc caacacctca aaacacctgg      240
tgttgccgct tcattaagtg gttcaaaatc cagatctata attgcgcaat attcaccgta      300
tataaaaaga aatggatatt aattttgaca aatagctgca actgagactt ctttttattt      360
ctttatatgn gnatatagtg aatttttatt atttttaaaa ttttatttat tttttta      417

```

```

<210> 476
<211> 321
<212> DNA
<213> Homo sapien

```

```

<220>

```

<400> 476

<210> 477

 $\langle 211 \rangle \quad \bar{5}4\bar{6}$

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (546)$

<223> n = A, T, C or G

<400> 477

<210> 478

$\langle 211 \rangle$ 100

<212> DNA

<213> Homo sapien

<400> 478

aagaaaaagtg gtaaaatcaa gtcttcttac aagagggagt gtataaacct tggttgtgat 60
gttgactttg attttgctgg acctgcaatc catggttcag 100

<210> 479

<211> 508

<212> DNA

<213> Homo sapien

 $\langle 220 \rangle$

<221> misc feature

<222> (1) ... (508)

<223> n = A, T, C or G

<400> 479

```

gnnttccaaa ttcttctaac tcttccaaaa gccttctgcc ttagtttttt ttaaattaca      60
ccagtccttt tagtagcttt ttgatgtgat ttttaaccaa cttccccttc tagcttcaag      120
tattcttcta aattggctct ggtctacgta aacaccctca tcttctcaag ctttaccttc      180
taacttctgc accaccagaa attaaattga tgggctttta aaataaattg gttaccaata      240
atttcctcat tttttcagtg ctattttatc caatttttgg ctttatattt ttctatcttc      300
tatacttctc caatacttgt cttagcttgt ttttcatttt ctatctgaaa ctcttgacaa      360
tatcttctaa tttccctatc ttctctatcc ttttcttcgc cttcccgta tctgtcttcc      420
agntttccac ttcaaacttc tatcttctcc aaattgttca tctaccact cccaataatc      480
tttccatttt cgtgtagcac ctggncag      508

```

```

<210> 480
<211> 81
<212> DNA
<213> Homo sapien

```

```

<400> 480
ggtgcccttt tcttaacact cacaacaaaa ctaactaata ctaacatctc agacgctcag      60
gaaatagata aggaaaatga c      81

```

```

<210> 481
<211> 306
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

```

```

<400> 481
tcgccttcgg ccgcgggga ggtaggggn acaagacgct acttccccta tcatagaaga      60
gcttatcacc tttcatgata acgcctcat agtcattttc cttatctgct tcttagtcct      120
gtatgccctt ttctaacac tcacaacaaa actaactaat actaacatct cagacgctca      180
gggaatagaa accgtctgaa ctatcctgcc cgccatcatc ctagtctcca tcgcctccc      240
atccttacgc atcctttaca taacagacga ggtcaacgat ccttccccta ccatcaaate      300
aattgg      306

```

```

<210> 482
<211> 582
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

```

```

<400> 482
ggggggaaca gtcattatac attatttaga ctcattcctt cttccagtgc ccttatgatt      60
atttcctacc tttaccattg atcttaaaact gngcaggcta aaaagaggaa ccagaactcc      120
cttaagcact tttaagacta tttaaaaaat aaagntttgt tggcattgaa gagtaagctg      180
cttaagggac tgaatgaaaa gatagtaccc tttgtggctg tatgaagaga gaaactgaat      240
ttctatccaa gagaccttaa tntagcctat tagggaatta tcttcccaa aagtacaagt      300
aattttgcac tgcaggagaa ggataagtag atttgattta catcacattt tatacacacc      360

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tttcaagang gagaaatctg cttcataaat agnaggaatc tatgcttaaa ctnaacattt 420
aatgggtgaen tottacaaca gccttgaaaa nnattggaan tcngacntga ngngngaaac 480
tggaanaaag aatatctttc tcttctgcat cctttnatcc tcaaacttag catggattca 540
cacgtgcagg aaangttngg tnacnaccng aacatttaga ta 582

<210> 483
<211> 275
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 483
gcctcactaa aataacagat ttcagtatag ccaagttcat cagaaagacc caaatggaat 60
gatttacaaa atagaacact ttaaaccagg tcagtcctat cttttttag ctgaaggcta 120
tcagtcataa cacaatttcg cgtacacctc tgctcattat ggaattacac ttaaaacgaa 180
tctcaagagg gtgaccattg ttgtttcaga taccatccct aaggagagtg gttaacagga 240
agattgccag ngttactgat ggaaagaagc gcttg 275

<210> 484
<211> 434
<212> DNA
<213> Homo sapien

<400> 484
catattttcca caggccaatt tctttctggt tttctgctaa gctatttcag catttttagct 60
tttctctttt gctttgttta ctcatgattg ccagatggct acgttacctc taagcatcag 120
atcttcacaa attaatggtt aaatgtaagg gagggatttt actctcttgc attaaaaaaa 180
agctttattg agatataatt tactgtaaca ttgactcatt taaagtatgc tagtcaatag 240
accaaactct gaataaactc ccattcacaa ttgctacaaa gggaataaaa tagctgggaa 300
tatagctaac aagggaagtg aagggcctct tcaaggagaa ctacaaacca ctgctcaaga 360
aataagagag gatacaaaaca aatggaaaaa cattccatgc tcatgaatag gaagaatcaa 420
tatcgtgaaa atgg 434

<210> 485
<211> 291
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

<400> 485
ncaccactgc agccctacat acagttgaaa aaaaattcca ttctgttaac atttgtttta 60
taagttttca cgcaatacac aaaaaacccc tctgcacttc ttgtaaagaa caaaaaagat 120
acacaacagt taagcgtaaa gatcacaggc aatagcattc aaacatggat gtgggtagag 180
aaaggagtac ctggcatgag tacctgctta gtttgactga atccttgatt tttaatttgg 240
cttttcatgg gccgctcaca acaccaacgc tgtgtgaggt atggtagtca g 291

<210> 486
 <211> 274
 <212> DNA
 <213> Homo sapien

<400> 486
 ctgtaatatt gtagttgctc cagaatgtca agggcagctt acggagatgt cactggagca 60
 gcacgctcag agacagtga ctagcatttg aatacacaag tccaagtcta ctgtgttgct 120
 aggggtgcag aacccgtttc tttgtatgag agagggtcaaa gggttgggtt cctgggagaa 180
 attagttttg cattaaagta ggagtagtgc atgttttctt ctgttatccc cctgattgtt 240
 ctgtaactag ttgctctcat ttttaatttca ctgg 274

<210> 487
 <211> 184
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 487
 tggcaccaag attctcagct cacggtacca gcattctgatt gtcggactac ctgctgcttt 60
 ccttgatatt tatacatgat attcgnaaaa tgtaaagaag ctattattca tacagacatc 120
 tagagaagga gngaagnttt taaaaaaata aaaaaatact tatttcaagc tttagctgtg 180
 ttct 184

<210> 488
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 488
 ctgcattttt attgcgatct gcagatgaac tggaaaatct cattttacaa cagaactggg 60
 acagacgacc accatattca ctgaggtcta aatttgcagt ttccactaat gacattttga 120
 tttcccaaca gagatacttc tggcttact gcacagtctt ttaagagaaa tacttccatt 180
 atgccacatt gtccttgatc cgtaagtgat gtgttaagggt gcttcaaagg aactctgacc 240
 tctgaagtac ttgagctact ttagtatgtc cagcctattg ctttttggtt tagtgtgtca 300
 ccataaatat caggggcata aaaggctatc tattcttaat tcaaggataa aacagaagaa 360
 gcttggtgga taaaacaata gttcaagatc cag 393

<210> 489
 <211> 607
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 489
 gtgcttatgt acttaagggg aactactcta actgggtgaa gagtangatg aagcatccat 60

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<210> 490
<211> 179
<212> DNA
<213> Homo sapien
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```
<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G
```

<400> 490

cttctaggaa	tactagtata	tgcgtcacac	ctcatatcct	ccctactatg	cctagaagga	60
ataatactat	cactgntcat	tatagctact	cccataaccc	tnaacaccca	ctccctctta	120
gccaatattg	ngcctattgc	catactagtc	tttgccgcct	gcgaagcanc	ggtaggacc	179

```
<210> 491
<211> 399
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G
```

<400> 491						
cctctacctg	taatcacatt	aattttttcta	aagacagggg	nggtgttttg	aagataaaatg	60
tcattagtct	atgataatag	catcatagga	caattagcca	tttttagactt	gaccatattt	120
tctcttttta	gcataatagcc	atcttgatat	ttaggnnggga	gactactcca	atggagcaac	180
agtttcattt	tacatgattg	gatttagaaa	tttaciaaatt	ttaaactcat	aagaattcta	240
aataaatttg	aaatggaaac	atttgaccca	cagtctagca	gcataaatat	atttataaaa	300
tacttcttga	ttgatcttag	gtcattgatt	taaaacagaa	tttggtgact	atgggcaggt	360
qqaggggggc	ngtgaggaag	gtataaaaga	gaaatcttt			399

```
<210> 492
<211> 482
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G
```

<400> 492

ctccacctta	ctaccagaca	gccttagcca	aaccatttnc	ccaaataaag	tataggcgat	60
agaaattgaa	acctggcgca	atagatatag	taccgcaagg	gaaagatgaa	aaattataac	120
caagcataat	atagcaagga	ctaaccacct	taccttctgc	ataatgaatt	aactagaaat	180
aactttgcaa	ggggagccaa	agctaagacc	cccgaaacca	gacgagctac	ctaagaacag	240
ctaaaagagc	acaccctgtc	atgtagcaaa	atagtgggaa	gatttatagg	tagaggcgac	300
aaacctaccg	agcctggtga	tagctggttg	tccaagatag	aatcttagtt	caactttaaa	360
tttgcccaca	gaacctctta	aatccctctg	taaatttaac	tgtagtcca	aagaggaaca	420
gctctttgga	cactaggaaa	aaaccttgta	gagagagtaa	aaaatttaac	acccatagta	480
gg						482

<210> 493

<211> 207

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 493

cataaatatt	atactagcat	ttaccatctc	acttngngga	atgctagtat	atcgctcaca	60
cctcatatcc	tccctactat	gcctagaagg	aataatacta	tcactgttca	ttatagctac	120
tctcataacc	ctcaacaccc	actccctctt	agccaatatt	gtgcctattg	ccataactagt	180
ctttgccgcc	tgcgaagcag	cggtagg				207

<210> 494

<211> 283

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(283)

<223> n = A,T,C or G

<400> 494

ccaattgatt	tgatggtaag	ggagggatcg	ttgacctngt	ctgttatgta	aaggatgcgt	60
agggatggga	gggcgatgag	gactaggatg	atggcgggca	ggatagttca	gacggtttct	120
atttcctgag	cgtctgagat	gtagtatta	gtagttttg	ttgtgagtgt	taggaaaagg	180
gcatacagga	ctaggaagca	gataaggaaa	atgactatga	gggcgtgac	atgaaagggtg	240
ataagctctt	ctatgatagg	ggaagtagcg	tcttgtagac	cta		283

<210> 495

<211> 590

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

00651563 002900

<222> (1)...(375)

<223> n = A,T,C or G

<400> 498

gaatttcctg	gcaccttttc	tcgctagaga	agattnnngtg	tgactggggtt	gcctataagc	60
catatagata	caaactttta	tctctaatac	caagtcttag	agggatatat	taatagatct	120
aataaattta	ttcttagact	tattgtttca	tgggntagtg	agtctttgct	actggagaca	180
atacagactt	gtcagttttt	ttaaaaaaa	aaaatttgcc	aagctancac	attaaaaana	240
tntcctaagg	ctntcatttt	atgaggatga	ttataaacnt	ttntgngata	aatatcacca	300
taataaactg	ttaagtacaa	ctgcnggccn	cccttanagn	gaattcctnc	agttanaaat	360
ttatTTTTTT	gccaa					375

<210> 499

<211> 215

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 499

ccacnaaagc	agaagcttaa	agcatagtag	taaagagggn	aaaaagaagg	acgaaaataa	60
atcagatgac	aaggatggta	aagaagttga	cagtagtcat	gaaaaggcca	gaggtaatag	120
ttcactcatg	gaaaagaaat	taagtagaag	gttggtcgaa	aatcggagag	gaagcttgct	180
acaaaaaaaa	aaaaaaaaaa	aaaaaaaaat	gtttt			215

<210> 500

<211> 489

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 500

ccactacgat	aagcaggtag	ctgggttttg	tagtgagntt	gctccttaag	ttacaggaac	60
tctccttata	atagacactt	catttttcta	gtccatccct	catgaaaaat	gactgaccac	120
tgctgggcag	caggagggat	gatgaccaac	taattcccaa	acccagctct	cattggtacc	180
agccttgggg	aaccacctac	acttgagcca	caattgggtt	tgaagtgcac	ttacaaggnt	240
tgtctacttt	cagttcttta	ctttttacat	gctgacacat	acatacactg	cctaaataga	300
tctctttcag	aaacaatcct	cagataacgc	atagcaaaat	ggagatggag	acatgatttc	360
tcatgcaaca	gcttctctaa	ttatacctta	gaaatgttct	cctttttatc	atcaaatctg	420
ctcaagaagg	gctttttata	gtagaataat	atcagtggtg	gaaaacagct	taacatttta	480
ccatgctta						489

<210> 501

<211> 286

<212> DNA

<213> Homo sapien

<400> 501
 aaaaacactc aaacacagcc ttggagggag gagtcagttt taaaagactc ttataaaagt 60
 aatatactgc tagctctgaa gaatcggagg ctaaaatcat ctcttcaagt cccagggaa 120
 tcccaaagaa ctccagggga aggtgggatg ggccagagag ctctggaagc ttccaggtct 180
 gttgcaagcc tcacctggta cacagtaggc tcttccaggt ctgtcaggaa cccaggagcc 240
 tcccctagca cacagtaggc tcacaaaaag ggagcactgc tgctgg 286

<210> 502
 <211> 168
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 502
 cctatgattg tgggggcaat gaatgaagcg aacagagntt cgttcatttt ggttctcaga 60
 gtttggtata attttttatt tttatgggct ttggtgaggg aggttaagtgg tagtttgtgt 120
 ttaatatatt tagttgggtg atgaggaata gtgtaaggag tatggggg 168

<210> 503
 <211> 173
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(173)
 <223> n = A,T,C or G

<400> 503
 cctttataat aaattaggca aaagggttcag tgcnnnggcta tantggacaa catgaaactc 60
 cataaaaaatg actggatagg gggactgctt gagacttttc ttttgggcat tactaacaga 120
 attcaaagaa attccaacca cgcttatttt tccaaattct actgaaatga gag 173

<210> 504
 <211> 310
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 504
 tagtattcta tttaaaaatt aagttttggg gtctgtaaaa tatacaggac aatgactttt 60
 ttaaaatgta agttaatacc tcctcctcac ttgtcttaat tgaacttagg tgtttattct 120
 taaaggngga ccttgatgaa aatggttgaga tgggaagtgt tattaggcaa aacttggtat 180
 agattttctca tataactctt aattgacctt tagaatttta acaaccgcgc ctggcccaat 240
 agactgtttt ttagagtant tttaggctct cancaaaatt gaggggaaaa tacagggtgt 300
 tccattaaa 310

<210> 505
 <211> 530
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 505
 cctcagggaa cttacaatta tggcaaaagg ggaaggggaa gcaagcacct tcttcacaag 60
 gcatcaggag agagayagaa agagagtagg ggaaactacc ccttttaaac catcatatcc 120
 tgtgagaact ccctcagtat tagaagagca tgagggaaac cgctccata atccaatcac 180
 ctcccaccag gaccatccct caatacatgg gggttacaat tcaagatgag gttcgggtgg 240
 ggatacagat ttaaaccata tcagaatggg taatgatatt gttgtatatt accaactata 300
 atcttcttag tggtatagta caataatgta aaaaattgag taaatttggt ttctatatta 360
 ttctgttttt ggaaaacatg tatatagtca gggctgtttg tctcaagaaa atatggtaaa 420
 ctctgctggt ttggtcactg gtgcctagaa tttggggatg tacattgggt ttgattcaca 480
 tgcacatttc cttctagttc acagtaacta tttctaacta tttcccnata 530

<210> 506
 <211> 352
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 506
 cttgaacgct ttcttaattg gtggctgctt ttaggcggta ctatgggtgn taaatTTTTT 60
 actctctcta caaggttttt tcttagtgct caaagagctg ttctctttg gactaacagt 120
 taaatttaca aggggattta gagggttctg tgggcaaat taaagttgaa ctaanattct 180
 atcttggaca accagctatc accaggctcg gtaggtttgt cgctctacc tataaatctt 240
 cccactattt tgctacatag acgggtgtgc tcttttagct gttcttaggt agctcgtctg 300
 gtttcggggg tcttagcttt ggctctcctt gcaaantat ttctagttaa tt 352

<210> 507
 <211> 370
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 507
 cctaactaga tcttatcaga atagggggga agggngtcgg ttcacacctta ttgagtgtta 60
 atgaccctgt aagatgtaat ttcttttatt tcattctggt acctagaaaa tctatcacag 120
 cctttagtaga ttgattgctc aatctataaa gagctcagtt tacagcatga ctgttagtaa 180

cagggntatt ttaatgagtg actcttcaac acctcagagt ttcactaaat tccaacccat 240
 cagcccagta gtctaacatt aagggcttta ggaaatgaga acttatcacc tttccttatc 300
 atgaaaaggt aacctccagg taaccaaaaa tagaacttcc tctgtgttcg ttttttatag 360
 aaattactgg 370

<210> 508
 <211> 129
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 508
 ctgttaaaaag aacaaactta gcaatatata acagttnggt aacaggattt ttgactattc 60
 actttgggag ttatttttaa aaatccactt ttttactgag ttttactaca taccaggcac 120
 tgtacttgg 129

<210> 509
 <211> 422
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 509
 ntgggaagtc gtgacatcca tgggaaccca gcgctgtgat gctgggtgttt gngttctccg 60
 cgagaagtga ccattgttgg agcaccatcc agagctagtg accantncag tggacagtta 120
 gtgggagaat caaaaatcct ttccagaatg tctgtttctc actacntgca cgggngatt 180
 acaggcacca gtgcagngat gattgtactt atttgacaca tactccccgt cntcctggnt 240
 nttgttcctg anaanggtgg gtaaatattc caggaaaaan aatgcacatt gaatggatgt 300
 gagagaccac attgcctctc ccactgcttt ggggagcact ttctgtcat ttctaactta 360
 ccacntgctt ggtgtactat atgtatgttg tgcctcatat gttgcaaaga actaangtga 420
 gt 422

<210> 510
 <211> 238
 <212> DNA
 <213> Homo sapien

<400> 510
 ccacctatga attggtggtt tacctactca atggatagca gcacgaggac tgctgtactg 60
 cacaaaaaga agacaaaaag attacagtg accatgggat acagaagcca gcatggcaga 120
 cagaagaaaa atagtttggg aacatgtaac tatectaagt ggaagttttg ttgtaggat 180
 tatagtaatc acaccacatt acttggcctt tcggtaatgt gaaaaaaaaa aaaaatcc 238

<210> 511
 <211> 254
 <212> DNA

00551563 082900

<223> n = A, T, C or G

<213> Homo sapien

<223> n = A, T, C or G

<213> Homo sapien

<223> n = A, T, C or G

<213> Homo sapien

<220>

<221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 514
 acatgcaana aatcgagaat cttaaaaaac annacgaanc tgccttgga nncttactgg 60
 nntangatat ttatntttgcg gctgagatac ttgaacaact tcggatcnga antagacaan 120
 aangggnant tntatactgc nncagagggt acacagntca ttgtattaga gangaacana 180
 tgggtctggt gttcacacat tggggggaan atgggcgttn acangagagg nnganaaaacn 240
 anganagcct ncttggttng cataanaaaa a 271

<210> 515
 <211> 328
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 515
 ccaatgaggg gcaaagtgag cgncnagaag angttttgac tgaaataaat caaacacaaa 60
 aatntaagtt cacagtgaca gtttaaaca aatccaaaca aactaacaac anaaacaccc 120
 cttgntttgc ctctagtggg aggtgggana acacaanctc gtcctaaaaa ttgactagta 180
 aaggggaaaa cccggtcatt tncctactct ttccangaaa tatctaatagc aagaaagaac 240
 ttctnctcat tatacnagaag gaatttngaa aaatgatgta tttttggaac acctaantga 300
 aatactggaa cctgggcaag ttcaccac 328

<210> 516
 <211> 220
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 516
 ncctnagttg aaggacccca tgtacatata ggccagggga gcagtactag gntaactaga 60
 aggatctcat ccccatatgt gggctcattt caagtctatg gatgactacc ttcattgntg 120
 tgtgcgagat ggtttcaccc cttgaaaata tgggcacttc ancataanat agcnaaatct 180
 ttataatgat caatncatcc tacctccttt tacatgcatg 220

<210> 517
 <211> 296
 <212> DNA
 <213> Homo sapien

<400> 517
 tgcgatttct tccttgttgt ttgcttttgt ctgtgttcaa tccagagagc ttaaattgtc 60
 attatttttg gaagaaaacc tgtatttttg ttagtttaca atattatgaa atttcacttc 120
 aggagaaact gctgggcttc ctgtggcctt gttttcttag tttctttttc cgtgccgtgt 180

attttttaat tgatttttct tcttttactt gaaaagaaag tgttttatatt tcaaactctgg 240
tccatattta cattctagtt cagagccaag ccttaaactg tacagaattt ccaactg 296

<210> 518
<211> 299
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

<400> 518
gaagatagaa aaatataaag ccaaaaattg gataanatag cactgaaaaa atgaggaaat 60
tattggtaac caatttatatt taaaagcccc tcaatttaat ttctggtggt gcagaagtta 120
gaaggtaaag cttgagaaga tgagggtggt tacgtagacc agaaccaatt tagaagaata 180
cttgaagcta gaaggggaag ttggttaaaa atcacatcaa aaagctacta aaaggactgg 240
tgtaatttaa aaaaaactaa ggcagaaggc ttttgaaga gttagaagaa tttggaagg 299

<210> 519
<211> 464
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1) ... (464)
<223> n = A,T,C or G

<400> 519
gctgcacatc ggaggaaaac tcggtaaagc agaatgaggt tgatatgttg aatgtatttg 60
attttgaaaa ggctgggaat tcagaaccaa atgaattaaa aaatgaaagt gaagtaacaa 120
ttcagcagga acgtcaacaa taccaaaaagg ctttggatat gttattgtcg gcaccaaagg 180
atgagaacga gatattccct tcaccaactg aatttttcat gcctatttat aaatcaaagc 240
attcagaagg gggtataatt caacagggtga atgatgaaac aaatcttgaa acttcaactt 300
tggtatgaaa tcatccaggt atttcataca gttaaacaga tcgggaaact tctgtgaatg 360
tcattgaagg tgatagtac cctgaaaagg ttgagatttc aaatggatta tgtggtctta 420
acacatcacc ctcccaatct gttcagttct ccagngtcaa aggc 464

<210> 520
<211> 221
<212> DNA
<213> Homo sapien

<400> 520
ctgatatcta cttatttaac acaagtctct aatacaatac aattttatta attttattcc 60
acatgccccca cattagatct ctagactcat tcatcctaca tacctacttt gtatcccttg 120
acctacatct ccctacttcc tctccagtc cccaccccc acccactggt gctaaccact 180
gtttcattcc ctttttcatt ctacatatgt gagatcatgc t 221

<210> 521
<211> 312
<212> DNA

00651563.082900

<223> n = A, T, C or G

ctgatatgctt	tctcttcgcc	tagattaata	tcttctnnct	tcccatcac	agccccacc	60
gacatcaaaq	ctttgtgctt	ttatctgtca	aaaatgtctt	cacacttttc	attcttaaat	120
aaaagtgcgt	agtaaggaca	ttttcacaac	aaatttttat	ttacaaaac	ttacaatgat	180
ttgaatccaa	aacaactttc	attatttaac	tgtaaagtaa	atatatattt	tattaggngt	240
gtcttagttc	attttgtgct	gctttaacag	tgtatccttg	tgatagtgtg	gggggtggggg	300
aggggggaag	ga					312

<213> Homo sapien

ccttcttttc	ccactcaatt	cttctctgcc	tgttattaat	taagatatct	tcagcttgta	60
gtcagaccca	atcagaatca	cagaaaaatc	ctgcctaagg	caaagaaata	taagacaaga	120
ctatgatatc	aatgaatgtg	ggttaagtaa	tagatttcca	gctaaattgg	tctaaaaaag	180
aatattaagt	gtggacagac	ctatttcaa	ggagcttaat	tgatctcact	tgtttttagtt	240
ctgatccagg	gagatcacc	ctctaattat	ttctgaactt	ggttaataaa	agtttataag	300
atttttatqa	aqcagccact	gtatgatatt	tttaag			336

<213> Homo sapien

<223> n = A, T, C or G

ngacnnggc	ntggctatgt	ntatagatag	ggctttaacc	actatctgng	aagcangagn	60
gacannattc	ttgctctcac	atnccacngg	anacgtat	ctcttctctt	acnagcgaag	120
aaccatctnt	ttctaaagcc	cccattctat	tgcccttget	tttctctggc	tt	172

<213> Homo sapien

ccagacctgc	agaaaaactt	agcacagctc	aattctgctgt	tttgatggct	acaggggttta	60
tttgggtcaag	atactcactt	gtaactattc	caaaaaattg	gagtgctgttt	gctgttaatt	120
tctttgtggg	ggcagcagga	gcctctcago	cttttctgat	ttggagatat	aaccaagaac	180
taaaagctaa	agcacacaaa	taaaagagtt	cctgatcacc	tgaacaatct	agatgtggac	240
aaaaccattq	ggacctagtt	tattatttgg	ttattgataa	agcaaagcta	actgtgtgtt	300

ttgccccctt tttgaggact taaatgtag acctaagacc ataaaaaccc tagaagaaaa 120
ccta 124

<210> 528
<211> 162
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 528
ctgcgggaga aatatgggga caagatggtg cgcangcaga aagggtgaccc acaagtctat 60
gaagaacttt tcagttactc ctgccccaaag ttctctgtcgc ctgtagtgcc caactatgat 120
aatgtgcacc ccaactacca caaagagccc ttctctgcgc ag 162

<210> 529
<211> 409
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 529
cctttaaaat atagcttata aaatgtatac tatnngccag gagagctcac atttttctgc 60
agttttccag tggacctgcc tatggaatac tgtaaagaaa aatctgcaaa aatattccta 120
gcaattgaat cagtgccttt aaataaaaga agtggagagg ggcttgggta aattattctg 180
acaagttttc ttgctagtgg ttgccaaaat taaggatatt tgaagtgtcc tatcacccaa 240
atttggcttt aagaaaaagc tatattctgn gtctataggg tgaagccac actatctgtg 300
ctgcattctc aatgatacaa tacctatctg gaaactttcc tgttttgcca atgggtgcac 360
aaatctaaaa cattttatca caaaaggtag ttgaatttaa atttctttt 409

<210> 530
<211> 325
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 530
ccgccagtgt gatggatata tgcagaattc gccctttcna gatttgngcc cgggcaggtc 60
catggctagg attatagata gttgggtggt tgggnaaat gagtgaggca ggagtccgag 120
gagggttagtt gtggcaataa aaatgattaa ggatactagt ataagagatc aggttcgtcc 180
tttagtggtt tgtatggcta tcatttggtt tgagggttagt ttgattagtc attgttgggt 240
ggtaattagt cggntgttga tganatattt ggaggtgggg atcaatagag ggggaaatag 300
aatgatcagt actgcggcgg gtagg 325

006260 4434360


```
<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G
```

<400>	534						
ccgccagtgt	gatggatata	tgcagaattc	gcccttagcg	agnnagccgg	gcagggtccat		60
ggctagggtt	atagatagtt	gggtgggttg	tggggnatga	gtgaggcagg	agtccgagga		120
ggttantttg	tggcaataaa	aatgattaag	gatactagta	taagagatca	ggttcgtcct		180
ttagtgttgc	gtatggctat	catttgtttt	gagggtagnt	tgattagnca	ttggtggng		240
gtaattantc	ggctggtgat	ganatatgtt	gagggtggga	tcaatanagg	gggaaatana		300
atgatcaatn	ctgcggcngg	tnngacctcn	gcc				334

```
<210> 535
<211> 557
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G
```

<400> 535						
nccataagct	tcagtgcgca	aaaggtcaag	gccagtggtta	at ttgtttatt	tcttaaataa	60
ctttcccttt	cattttttaa	ttataaattt	aactttctaac	atgtttttatg	gttaaaattg	120
tacttttttc	ctttagcgac	attcaaattg	atcacaatca	ctttgtgaaa	ttgttcgcct	180
gagcagagac	cagatgttac	aaattcagaa	cagtacagag	cccgaccccc	tgcttgccac	240
tctagaaaag	tatgtgtaaa	actctgttct	tgttcttctt	tcatattgat	gctgttcctat	300
gtgttaccat	tgtgagtgg	tggtaaagt	tccttatgtg	ggaatcatgt	gccttgaaaa	360
taaccttggg	tgggtgagaa	ggtagggaaa	cctgcttctt	ttatctcaag	taaaagtttt	420
ggcagggtaa	agaagataaa	tgacatttat	atctagactt	ttgagttttc	caattatttg	480
gtaaaaattg	gaaattctgt	agaagccctt	ccttaaaaaa	gggggaagtc	catttnanaa	540
aattaactgg	taggtca					557

```
<210> 536
<211> 372
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G
```

<400> 536						
gttccaacct	tcattttctga	aactgtttcta	gagcacngtg	tctttctcgt	agttcataac	60
ttaccoccttc	agtctagaat	tagaattaca	ttatctgttt	tactacttta	ctagactgta	120
agctcctaga	agataaggac	tagggagttc	atctctgtat	tccaccagaa	ggtacagtga	180
ctcatatctta	gagtcctttag	atgaaactta	ctgagttgaa	taacttaata	tatttctgtt	240
ttcattccca	aqggcaqqcca	tgtctggaga	tagaccttga	atttaataaaa	ttttaggcac	300

tataaccattt cagtggagaa aattggtggg aaatttgggg ggatggatat ataaggggga 360
ggaagtcact gg 372

<210> 537
<211> 284
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 537
ccttctgatg caaacagaaa ggaaatgttg tttggangcc ttgctagacc tggacatcct 60
atgggaaaaat ttttttgggg aaatgctgag acgctcaagc atgagccaag aaagaataat 120
attgatacac atgctagatt gagagaattc tggatgcgtt actactcttc tcattacatg 180
actttagtgg ttcaatccaa agaaacactg gatacttttg aaaagtgggt gactgaaatc 240
ttctctcaga taccaaacaa tgggttaccg agaccaaact ttgg 284

<210> 538
<211> 293
<212> DNA
<213> Homo sapien

<400> 538
gtacatagta ggtgtatata tttatgggct atataagatg ttttgataca ggcattgtaat 60
gtgaaacaag cacatcaaca agaatgggggt atccatcccc taaaacattt gtcctttggg 120
ctacatgtca tttcctaattg taaagaaaaa ggacagacag aaccaacatt gatttgactg 180
ggtgaaaaag tccatttgag ttgggagcag gggttgtgtt cctggatttg ggttgtagg 240
acagtgtaaa aaggcttcac aggggaacat tcttttctga taaaggaaag cag 293

<210> 539
<211> 468
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 539
tttcnataaa ctttattttt agagcagttt taagnnggta gcaaaattga ttagaaggna 60
cagagatgtc ccatacacct cctactccca cacatgcaca gccttcccca ttatcaatag 120
cccccaacag agggatacat ttgttaacaa ctgacgaacc tacatatcat tatcaccocaa 180
agtccacagt ttatattatt ccttctggag aattttcaaa tacagaaatt cctctaccag 240
gaataaacta ncaatttcct ctgggctttc tataaattta attattattt cagaaattag 300
cctatcttta caggagaaaa tgttataaac catgaaaaga ctatcaaata cacaaggaag 360
tgaatgntat ataaaaaatg taccatctcc taaacaacta cctgcattcc cttcttggtg 420
gtaagttata atttgnnata gttctgatca tctgtttaat taatttgc 468

<210> 540
<211> 397

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 540
ctgtttttatt aattccccca tttgcagcac acttntctct tccaacattc atcagtcaga 60
tcagagtcca cggtcttttc aaaatttaga taaactggct tacattttgt aatgatgtcc 120
ccagacaaca cccactcca acccattctg tttgttacta ttagtttaca acatgcatgt 180
gccttttactt tcattttcat agtattttaa aatggaaggg cactcccaaa tttactttaa 240
cccccttaaat aatctctctc ctccctgctct ctctggtcct ccagacaact gttgatttac 300
tttcctttat gatggattag tttgcatttt ctagaatttt atatgactga catataaagn 360
ttttatgttt ctcccccttg ggtttcttca tgtggca 397

<210> 541
<211> 248
<212> DNA
<213> Homo sapien

<400> 541
cctagatagg ggattgtgag gtgtgtgatg ctagggtaga atccgagtat gttggagaaa 60
taaaatgtgc atagtggggg ttttatttta agtttgttgg ttaggtagtt gaggtctagg 120
gctgttagaa gtcctaggaa agtgacagcg agggctgtga gttttagggt gagggggatt 180
gttggttggg aggggggatgc gggggaaatg ttgttagcaa tgagaaatcc tgcgaatagg 240
cttcocggc 248

<210> 542
<211> 366
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 542
aatcgccct ctagatgcat gctcgagcgg ccgccagtgt gatggatata tgcagaattc 60
gcccttgagc gatanccggg gcagggtccaa ttgatttgat ggtaagggag ggatcgttga 120
ccnctgtctg tatgtaaagg atgcgtaggg atgggagggc gatgaggact aggatgatgg 180
cgggcaggat agttcagacg gtttctatct cctgagcgtc tgagatgtta gtattagtta 240
gttttgttgt gagtgtagg aaaagggcat acaggactag gaagcagata aggaaaatga 300
ctatgagggc gtgatcatga aaggtgataa gctcttctat gataggggaa gtagcgtctt 360
gtanac 366

<210> 543
<211> 460
<212> DNA
<213> Homo sapien

<400> 543

```
<210> 544
<211> 116
<212> DNA
<213> Homo sapien
```

<400> 544

ccgccagtgt	gatggatata	tgcagaattc	gcccttttga	gngctn gcgc	ccgggcaggt	60
ctgttttcagc	agctcctcct	tcttcttccc	gcgangatct	cgagccttga	tcttgg	116

```
<210> 545
<211> 380
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G
```

<400>	545						
cgacg gatcg	atnagctnga	tatcgaattc	ggacgagcat	ggcgtattgc	tgcagatatg		60
gattcttcag	aatgctccat	gacaaatgta	ctgacgggaa	gncnatctaa	aggaggcatt		120
gtnatgagag	aaaggtctcg	agctccagat	aaagagagat	acagagttct	tgggaattgga		180
gttgacagaaa	cagtaagaca	atcgattgtg	gggaagcggt	cttttagaga	atctttggcc		240
ttcactccaa	agcgttggtc	ttcatcaata	ataagtagct	cgtgccgaat	tctctgacgc		300
cgggggatcc	actagttcta	gagcggccgc	caccgcggag	gagctccagc	ttttgttccc		360
tttaqtgagg	gttaatttcg						380

```
<210> 546
<211> 418
<212> DNA
<213> Homo sapien
```

<400> 546							
ccagggcaat	taggcaggag	aaggaaataa	agggtattca	attaggaaaa	gaggaagtca		60
aattgtccct	gtttgcggat	gacatgattg	tatatctaga	aaaccccatt	gtctcagccc		120
aaaatctcct	taagctgata	agcaacttca	gcaaagtttc	aggatacaaa	atcaatgtac		180
aaaaatcaca	agcattctta	tacaccaata	acagaccaac	agagagccaa	attatgagtg		240
aactcccatt	cacaattgct	tcagagaata	aaatacctgg	gaatccaact	tacaagggat		300
gtgaaggacc	tcttcaagga	gaactacaaa	ccactgctca	aggaaataaa	agaggataca		360

aacaaatgga agaacattcc atgctcatgg gtaggaagaa tcaatatcat gaaaatgg 418

<210> 547
<211> 172
<212> DNA
<213> Homo sapien

<400> 547
cctgagggttg ggagaaatth tgtccatttc tttagaacca aaattggcaa ccagagagta 60
tttgatggtt acacaaaata tctagtttcc ctttctagcc taaattgggt tgtttatagc 120
accctgtctt ccatttgaga aaaatgggta ggatgctggt gcagggatga gg 172

<210> 548
<211> 367
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 548
ggtctgactt aagagaaaca atggaaggca agaggcagta gaataatata ttcaaaagat 60
gcaaaggaaa aaaacctctc agccacgaat tccttatcca gcaattatth ttcaaaaatg 120
aaaataacac aaagacttag ccagataaac agaaacatta actgaagttg ttgctggcag 180
acctaccata taaaaataaa aaactctaaa aaaattccta tggctaaaag caagttacag 240
aagacagtca cttgaatcca catttttaaaa aaagcactga tatacgtaat attgacatta 300
taaaagacag taaaaatgca tttcttcttt ataataaath gcttattaaa taacatgtgt 360
ataatgg 367

<210> 549
<211> 418
<212> DNA
<213> Homo sapien

<400> 549
ccaaatcaga acctagagtg agcattctat aaactcacct ttgctttgat ccttgaagat 60
cacaagttth gatactgttg aaatctctac tctttcaaca ctttaattaa atggcattta 120
gaatttcata tacttctgtt gttgtttcca caatcttaaa ctggatttag aaatacttat 180
aatgtaaaatg caagagctth aacttagtaa ccgtatttcc tattttttgt tgtttttctt 240
ttgccagaat ttctgtttgt ctacaataaa gtccagcgaa atacagtatt tggttagggt 300
acttgtaaac ataaaattht atcattttgta gagtttttac ttaaccttcc tattctctag 360
tctctataat ctttcaatga agataaccag ttacgaatat ctctataacc atattagg 418

<210> 550
<211> 234
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

006280-03900

<400> 550
 cctaccgccc gcagnactga tcattctatt tccccctcta ttgatcccca cctccaaata 60
 tctcatcaac aaccgactaa ttaccaccca acactcacia caaaactaac taataactaac 120
 atctcagacg ctcaggaaat agaaaccgtc tgaactatcc tgcccgccat catcctagtc 180
 ctcacgcccc tcccacccct acgcacccct tacataacag acgagggtcaa cgat 234

<210> 551
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (542)
 <223> n = A,T,C or G

<400> 551
 caccctacc ccnntectca taaaagttnc tctccctgga tctctttttt ccctcatgag 60
 tgcccggttg cccaagtcaa aaacctggga gtgatataaa ctccccacac atccagtcag 120
 tcaactcatca actctattga ttctgtctgc taaatatatn tcaattgtat taacttaaac 180
 atatgcatan ggcactttct tcttcaactgc atttttgtgg gctgcactta cctttcaggt 240
 aacgacaaca ctggcccttc ttgcccttct agtcagaagt gccaaaatga tgagagctag 300
 ccatgacaaa cccacagcca acattacact gaatgtgcaa aactggaagg gcatccaaac 360
 agaggagggg agagaggaat agacaggaag tcaaactgtc tctgtttaca gatgacatgt 420
 ttctatatct ataaagcccc atagtcttgg ccccaaagct tcttctgctg ataaacttta 480
 gcaaagtctt agcatacaaa atcaatgtgc aaaaattact aacagtccta tacatcaagt 540
 ca 542

<210> 552
 <211> 411
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (411)
 <223> n = A,T,C or G

<400> 552
 cctggntgac aaggaggtgc ctgtnatgtg aagatttgag gaaagagcat tccaggcagg 60
 gggaaggctt gatgcaaagg gtctactgca ggcattagct gagcttattt aaagatcaga 120
 atgaaggcca ttgtggctag aacagagtgg acaggaagga atggtaccag gcaaagctga 180
 agaagttggc aggattgagc tctcataant catggcaaag agttcccatt tcattgtttg 240
 acggaataaa attggaaggt cttaagtagg agaagatttg attagattta cattttacga 300
 agaagcactc tggatgttat gtgaagaaat ggcctttgca gggcaagggg ggaaacaaag 360
 agatcagtta ggaaattatt ggagtagctg aggattggat gaggggatgt g 411

<210> 553
 <211> 631
 <212> DNA
 <213> Homo sapien

<220>

<400> 553

<210> 554

<211> 558

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

<222> (1) ... (558)

<223> n = A, T, C or G

<400> 554

ccaggntagt	ctccaactcc	tgaccttagc	tgatccaccc	acctcggcct	cccaaagtgc	60
tgggattaca	ggcatgagcc	actgcgccc	gccaaacttg	atatgcattt	ttaaataagt	120
taatacatta	ttcattggtt	agtctcatta	tatattctat	ggtcactttt	gaaatttcat	180
ctaaccaaaa	tcattcttcat	cctgcaattt	gaggtttggg	cacaatgggg	attgatcagt	240
aattttcttca	tatgcccttt	ctcaaggaaa	tagtttctta	tgaaaaaaaa	gtcctatgtt	300
ttcatgtaag	ttctcttttt	ggagaagaaa	aggagacatt	cttacttagc	actctcagtt	360
ttacaaaacg	ctgccaacct	taaaatttgt	ctattgattc	ccaaggcaca	caaccaatag	420
tctgtcaata	acccggaata	acatttcttt	aaggccccag	taactttcac	atgtttgggt	480
tccaatcctc	acctagaatc	ttgttaagaa	aagtaaacca	ttcactcctc	tagaaactct	540
aagqtttgctt	cttagggg					558

<210> 555

<211> 212

<212> DNA

<213> Homo sapien

<400> 555

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ccaggatattt gcataatggc ttttcttctg ttgcctttgt tcctttgtgg cccagctaa      60
ttgcctgaga gtgccactgt tagttttcaa ctctttctga tagaaacct gtgtactaac      120
atggaaaatct taggtaatct gctttttcaa agcacaatgc agaatttatt ggcgggtggtg      180
taactttaag aatatccgag aagccaccaa gg                                212

```

<210> 556

<211> 219

<212> DNA

<213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 556	
ccatgtgtct atctggagag aaggggaaac agcaagtgca aaggccctga gatggaacat	60
atctggagaa ttcgaagaat ggtaagaagg ccagagtgga gcagaacaag tgtgggagag	120
agttgtagga gatgagatca aaggctagga atgaagtgta aggccatgtc atgtgacctt	180
gtatgtcctt gtaaggcttt tttttttttt ttttncct	219

<210> 557
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 557	
cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga	60
gctgttcctc tttggactaa cagttaaatt tacaagggga ttttagagggt tctgtgggca	120
aatttaaagt tgaactaaga ttctatcttg gacaaccagg tatcaccagg ctcggtagggt	180
ttgtcgctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt	240
agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtct ccttgcaaag	300
ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct	360
tggttataat ttttcatctt tcccttgcgg tactatatct attgcgccag gtttcaattt	420
ccatcgcta tactttattt gggtaaatgg tttggctaag gttgtctggt agtaagggtg	480
ag	482

<210> 558
 <211> 679
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 558	
ctgtnaaaat tctgaacctt tccccaaaag aaaaaccgtg aaatacaagt tttaggagggt	60
ggagcaaaga aaagccaagt tattttaaac caataaacac aagagacaat tctgctggag	120
aatttacttt ctccaaaaca tcaaatggac tttaaagcag aagaccacat tttatgagaa	180
agttatgtca ctgaaaagct tcatgtaaag tgactttgta aatggaatat ttttaaataa	240
taaaaagaaa ataacttttc caggaatcct ttggagaggc tgataaccag atattaaatt	300
atcaattttg ccaaagtgga cttttaaaaa atgtgttact tttaaaaact aacttgaaag	360
aatttatgag gcaatctatc tgagtatgtt tattgttgct ccattggctt tcaggatttt	420
ggtcattttc ctgttaactc ttacatcaga gaataaagaa aagaaaatga aactttgtta	480
ggaactggga tggaaaatgt agtcccagac agatctactg acctcgactg agtttcagaa	540
atatcccagg attttggtta ttcattgcctt tcttttgtga ctttctttca aattagccaa	600
ttaaagatac cccttcaatc accggtgaca tcagtacaac agttttttcaa cagttttctc	660
tctcctgacc aaacagttt	679

<210> 559
 <211> 488

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(488)
<223> n = A,T,C or G

<400> 559
ccccactgta ctccagcctg ggtgacccca tctcaaagaa gaaaagttac cagatgtcat 60
gggtaaagggt tgggtcttcaa gtggcctcat aagttgtctt gcattttaat tcaggggaatt 120
cattggacca ataggttaca ttttcgttcc tttttgtttt tggttcatct gttaagcagt 180
gggggcctaa ttactgctcc tttgtaaaaa cacatthttcc caaagaacac tgaattaccg 240
ttcaaactgg ttgttgatgg gtaacaagggt ctgtttttgc tgccccaaaa gggcttaaca 300
atttaggcgg atagtttact taaaaaaaaa aatcctttgg agacatactg aaaatgcaaa 360
ctagttttcta aattatcaat tccctacatg aanaagcagt ttgccanagt ttagtctcan 420
aaaatgactg gttggctcta tttaaatcan aacccaattt ctacgcacct gccgcgccgg 480
ccaagggc 488

<210> 560
<211> 602
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

<400> 560
cctanttaag aattccttgc cttagtgggtg aacaaggact aaacacagac aatgggtgaa 60
acacagacgc taattcacat aacagagagt aggcaacctt aagaatgaat tgatgcagac 120
tcctatagaa ttcctctgtt atgactgggt tcttattttc tccctccttgt atgtagtgtga 180
aatttcatca ttatgaatag ttccttggat ctttttttaa agttgtgaat gcgagtgttt 240
ggcttttgtaa tacaactttt tagtatccag aagataacca gtgctctacc aataaagatc 300
ttttgataca aagggtttta acttctgccca gttcttactc atttttttca ggttttttat 360
acattttctta aacaacacat acattatgta aaatataaga attaagtac attctcaagg 420
ccagattcag tgacaaaatg cactaccoga atctagtaac acatttactc cttgctgcac 480
ataagtggcg tgtaagaaat acagggtata ttgttttggtg atccatgcag taaatgttca 540
caaatatcag gcaaacaact agacgntctt cagctactaa aattaactgt cccagtcaca 600
aa 602

<210> 561
<211> 683
<212> DNA
<213> Homo sapien

<400> 561
gtctatttttt aaaaagaaag aaaaaaacca cttttttata gtccctagct ttgccatag 60
cccgccttaa gtggaaggaa agttaatcac ttaactatgt tttataaaaa gaaaaaagg 120
cttggaatgc tattactgtt cacacaaagt atgattctgt ttgaataagg caaatgctcc 180
ttttttttaa aaaagacatt actgtaatat caaaaaccgt ggcagtttgt atacaactct 240
gggcttgatt ttttttaaaa aaacagaatg aattgatgtc ttattttata aatgttctat 300
atttattagg agaaaacttt atattgcctt ttttatcaat catgtaacag gcttatagct 360

ttccaacaga	gctgcttgcc	aaacaatttt	ttttgtttat	taaacagtgc	tgaaacaaac	420
aggatcagca	tttacttaag	atgttaagaa	tgaggacttt	taatcagccg	aaccaagata	480
ttgttacctg	tatgcattcc	caaagtctag	atgctcagta	tgttcagtca	tatctttcag	540
aatcagtga	ccgattaccc	tttttttggt	attcactcta	catctgccaa	cctagttcac	600
cttggttttg	tgtctgctgt	agaagggaa	cataacttgg	ttaaaccgta	gggattatca	660
ttgtatacat	gctgtgaaca	tgt				683

<210> 562
 <211> 420
 <212> DNA
 <213> Homo sapien

<400> 562						
gcactttttt	tccagtaagg	attcatctct	tgtctctcta	tatggtcatt	atattttata	60
ttttacatat	ttataaacat	gacatatgta	tttatgttcc	acaaagggct	ttgaatagaa	120
tttacacata	gagttccctg	ggttgatgtg	tttatcaaaa	tggaagataa	agtgaattaa	180
ttacttaaat	atttaacact	attgaataga	aataatttcc	ccaatattgc	ttcatgattt	240
agacagtcta	ttaaatgttt	aagcaaggca	ctagactaag	tttattaaga	caaatttttg	300
aatatgtgca	gaaatatgac	ctggctaata	gtacagagtc	aaagctgggt	gaatgggtgt	360
atatagtggg	ttcagattga	tgtggcagtg	gtgggttacac	taggggcact	aaggttatcc	420

<210> 563
 <211> 482
 <212> DNA
 <213> Homo sapien

<400> 563						
ctccacctta	ctaccagaca	accttagcca	aaccatttac	ccaaataaag	tataggcgat	60
agaaattgaa	acctggcgca	atagatatag	taccgcaagg	gaaagatgaa	aaattataac	120
caagcataat	atagcaagga	ctaaccctta	taccttctgc	ataatgaatt	aactagaaat	180
aactttgcaa	ggagagccaa	agctaagacc	cccgaaacca	gacgagctac	ctaagaacag	240
ctaaaagagc	acaccgtct	atgtagcaaa	atagtgggaa	gatttatagg	tagaggcgac	300
aaacctaccg	ggcctggtga	tagctgggtg	tccaagatag	aatcttagtt	caactttaac	360
tttgcccaca	gaaccctcta	aatccccttg	taaattttaac	tgtttagtcca	aagaggaaca	420
gctctttgga	cactagga	aaaccttgta	gagagagtaa	aaaattttaac	acccatagta	480
gg						482

<210> 564
 <211> 302
 <212> DNA
 <213> Homo sapien

<400> 564						
ctggaagtga	aggtactaat	atacaaatgg	ctcttgtttc	tgaatatgtg	atataatttg	60
tgaatctttg	gaaactgaat	tttttctatg	gagtgcaa	atagaagggg	tattttacaa	120
tgtttggtgt	gaaaagaatt	cactttgtaa	acaactatta	aggctggaag	tttagtgaag	180
gtgcatagtt	ttgaaagcta	cacaggtgaa	aaatcaaact	tattgtttgt	aattttgctg	240
ttacatgtta	agttactttg	acagcaattt	tctaatagata	atgtgattta	tgatttaaaa	300
gg						302

<210> 565
 <211> 554
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 565
 ccanngtgac atcatggcaa tacagcaaga attctgnnat ttatttagaa gcctcaagga 60
 gaaggatcct ggagcccctg aatgagagtt tcttctccat gcctctcccc agtcaaaaata 120
 catggaaata ttcatagaag cattgtaccc agcatgataa ggaaggatgg agaattggtc 180
 cttatatctc tgttcacaag acatcaacac tcttaagtaa ctgtatgaaa taaattctct 240
 gctgaaagca aataaaccat ctgaaaggtc ttctggttac ttacacagat ttcctagaga 300
 atctgaaatc agcctaacag ggaagattaa tttttaaatg aatccaagtt aatgaaagca 360
 aagaactctt atacagaaat acattttcct attataaagc aggactacct tccctaattt 420
 ctgatagacc taggacaatt tgaatgggca ttgaaattct tttggttgaa ttacgcaaac 480
 aagcaaagga aaagtctcaa ttattattgg aaaatttggg gagagattat tatctcttga 540
 tctcctagtn natt 554

<210> 566
 <211> 631
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 566
 ncgaagctgt gaanncatto acacggaatc tgganggtat tactgtaact tcttataata 60
 cataatataa aagtttttga aagatataga cacaattaac ccctaaacaa cacactatct 120
 gattctcaaa agcaatggct atttaacaag atgtaaaagg acaataacat atcaaagaac 180
 tttcacacac cttaaagatag catttagcag caagttagtc agacaaaaca aacataaata 240
 tcttcacatt tcctatgttt gtttttaact ttacttcata aagccactga taattgaggt 300
 ttctttcaag tataagattt ctaaaattaa aaactgtttt tgacatatatt ttataaagaa 360
 ataaaaagca aaacgcaatc caactattta tatgagtcct tcttctccaa cagcttttaga 420
 tgtttttctg agtacttttt acacagaata tttttattaa aatcagttct aattcattta 480
 tgcagattag gggaaaatga ttcataataa attaaacttta aaattacctt ctatctgctt 540
 ctacctctat ccccccatca ccaccaaatc tgttgctaca gtgaactgta gccaatgtct 600
 gtttgagggg gcccaaagca tctggtaatc t 631

<210> 567
 <211> 510
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 567
 cctatnatag cttctctagc tatcactctc caatcagcna aaaatgagaa aatgttgaga 60
 aatagaagat aattctctcat ttaaggnac cttctanaat ttgtgcttaa nantctgttt 120

tcttctcatg	ggccagcact	tcggcaactg	ggaaaaatta	ngngtacagg	gatctaggna	180
atactgttta	tttgagcaat	aatatattgn	gctaacgttc	aggcatccta	ttactgagaa	240
ataagggaaa	atgagtgtaa	agtacaacta	agagtctcgg	ctacagggaa	aaataccatc	300
agttaaatat	ccatagtcct	agagcattta	tgtaaaactg	caatttgaat	cctgcaatac	360
attttggtt	tttcctcagt	gataccatgt	gtgggaagtt	gttctgtcaa	ggtagggcgg	420
ataatttgcc	ctggaaagga	cggatagtga	ctttcctgac	atgtaaaaca	tttgatcctg	480
aagacacaag	tcaagaaata	ggcatgggtg				510

<210> 568
 <211> 180
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (180)
 <223> n = A,T,C or G

<400> 568	
ttaatntgac	ncacgcttat
gcggaggaga	atgntttcat
gttacttata	ctaacattag
60	
ttcttctata	gggtgataga
ttgggtccaat	tgggtgtgag
gagttcagtt	atatgtttgg
120	
gatttttttag	gtagtgggtg
ttgagcttga	acgctttctt
aattgggtggc	tgcttttagg
180	

<210> 569
 <211> 237
 <212> DNA
 <213> Homo sapien

<400> 569	
ccaattgatt	tgatggtaag
ggaggggatcg	ttgacctcgt
ctgttatgta	aaggatgcgt
60	
agggatggga	gggcgatgag
gactaggatg	atggcgggca
ggatagttca	gacggtttct
120	
atttcctgag	cgtctgagat
gttagtatta	gttagttttg
ttgtgagtgt	caggaaaagg
180	
gcatacagga	ctaggaagca
gataaggaaa	atgactatga
gggcgtgatc	atgaaag
237	

<210> 570
 <211> 352
 <212> DNA
 <213> Homo sapien

<400> 570	
ctgtctctcc	atttagagcc
ccagttgggtc	ctgacctctt
acaaatttgg	tgttttcact
60	
ttgatgttta	tgaaccgatt
gcattaaaaa	tgaggataa
tgattcagg	ttagagaaac
120	
tattatttat	acaaatgtgg
ttaacacctc	atcattttta
attggctgtg	ctaataatgc
180	
tcattgtgct	cttcagggtt
atgtgtgtgt	gtgtgtgtgt
gttttgctg	aatctgcaac
240	
ctacatttgc	tctggcagta
tggtgagtat	atgctagaat
agaatggacc	taggcaactc
300	
taaggtccta	caactaaata
cacttactta	ggaaacctcc
ttaaataagta	gg
352	

<210> 571
 <211> 402
 <212> DNA
 <213> Homo sapien

<400> 571	
ctgatttttaa	caataactac
tgtgttctctg	gcaatagtgt
gttctgatta	gaaatgacca
60	

```

atattatact aagaaaagat acgactttat tttctggtag atagaaataa atagctatat 120
ccatgtactg tagtttttct tcaacatcaa tgttcattgt aatgttactg atcatgcatt 180
gttgagggtgg tctgaatggt ctgacattaa cagttttcca tgaaaacggt ttattgtggt 240
tttaatttat ttattaagat ggattctcag atatttatat ttttatttta tttgtttcta 300
ccttgagggtc ttttgacatg tggaaagtga atttgaatga aaaatttaag cattgtttgc 360
ttattgttcc aagacattgt caataaaagc atttaagttg aa 402

```

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<210> 572
<211> 70
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(70)
<223> n = A,T,C or G

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<400> 572
tggatccgag ctcggtacca agcttggcgt aatcatggtc atagctgttt cctgtgntcg 60
ttttacaacg 70

```

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<210> 573
<211> 423
<212> DNA
<213> Homo sapien

```

```

<400> 573
ccaatggttt cttagtgaag gagtacacta gctctgaatg caatgccttc agaaagatat 60
cattcataga gacatacaaa gcacatggca acatgacatt ggaatacacg attctgagca 120
tcttcattca tgaccaacct ggctatagat ttcagatgtc ctcttggctc gaaggatata 180
tgggatatcc atgctcactt gcattccttt ccctttaatt tcattttcta agtccttctt 240
gtattgtttc taaaagaaca gaaaataatc ttggagcttt gcttaagctt taatagcgat 300
gttgaaattt acatgtttga atctcaaagc caccatgtg gaaagaaaac ttatgctctt 360
tccagctatg attcacggca tttattttaa actttgtatc ttgctgctgt cttacctggc 420
tgg 423

```

```

<210> 574
<211> 129
<212> DNA
<213> Homo sapien

```

```

<400> 574
ctgttaaaaag aacaaactta gcaatatata acagtttgct aacaggattt ttgactattc 60
actttgcgag ttatttttaa aaatccactt ttttactgag tcttactaca taccaggcac 120
tgtacttgg 129

```

```

<210> 575
<211> 684
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(684)

```

<400> 575

ccagatntga	cttttcaaaa	ctactcacat	tgtgaaaaan	gcaggaacaa	atctagtttc	60
aagttcagca	tgccgttccc	tgtttaattc	ataaaacaca	actggcagaa	gtattacttg	120
aagcaaaaca	aaagtaacgt	gggaacttgc	ttatttgcta	agccacaatg	tatttttcca	180
ggaatagcat	aaatttgcca	tctttcttgt	gtctatggaa	aaggggttta	gaattgtttc	240
actaaaaatt	aaattttctat	attgtcaaac	atgattgtat	actcaaattt	taaaatgtga	300
agggaaacact	tactaagcat	ttcctgggta	tgccactata	ttaagtcccta	gtaatatgat	360
atagttttatt	tcaattttttt	ttcaactcat	acttccctta	aaatagcact	gaccaaaga	420
aagttaacat	gagcttcatg	tacaattttt	aatctttttg	cagaaaaata	aactgagaaa	480
ggctaaaaatt	gttttattta	agccactata	ccaagacata	ttgattttcac	caatataaaa	540
attgagatag	tttacattttt	ttggtacatc	tttaaaatct	ggtatgtatt	tttatactga	600
cagcacatct	caatttggac	aagctacatt	tccagggtct	aatagtcacc	atgaatctca	660
attgtaatca	aagaggttgg	cctg				684

<210> 576

<211> 134

<212> DNA

<213> Homo sapien

<400> 576

ccttattttct cttgtccttt cgtacagggg ggaatttgaa gtagatagaa accgacctgg 60
attactccgg tctgaactca gatcacgtag gactttaatc gttgaacaaa cgaaccttta 120
atagcggctg cacc 134

<210> 577

<211> 133

<212> DNA

<213> Homo sapien

<220>

```
<221> misc_feature
```

 $\langle 222 \rangle \quad (1) \dots (133)$

<223> n = A, T, C or G

<400> 577

```

ctgtctctcc attnagaagc cccantnggt cctnacctct tacaaatttg gtgttttcac      60
tttgatgttt atgaaccgat tgcattaaaa atgcaggata atgattcagg gttaganaaa      120
ctattattta tac                                     133

```

<210> 578

$\langle 211 \rangle$ 200

<212> DNA

<213> Homo sapien

<400> 578

cctcaaattct	atcttcaaag	gtgaccgcgc	aatcagtgtc	aatgccttta	ctgtagttaa	60
cctggtaatt	tcattcttta	gtctctccaa	gaaaatctga	agtgtattag	gcaagtcaga	120
acccaaattg	tctccaaggt	tgcaaataat	ttgtcccata	caggaaatag	ccctttcctt	180
gacttctga	tcaatgtcag					200

<210> 579

<211> 402

<212> DNA
<213> Homo sapien

<400> 579
ctgatttttaa caataactac tgtgttcctg gcaatagtgt gttctgatta gaaatgacca 60
atattatact aagaaaagat acgactttat tttctggtag atagaaataa atagctatat 120
ccatgtactg tagtttttct tcaacatcaa tgttcattgt aatgttactg atcatgcatt 180
gttgagggtg tctgaatgtt ctgacattaa cagttttcca tgaaaacgtt ttattgtgtt 240
tttaatttat ttattaagat ggattctcag atatttatat ttttatttta ttgttttcta 300
ccttgagggtc ttttgacatg tggaaagtga atttgaatga aaaatttaag cattgtttgc 360
ttattgttcc aagacattgt caataaaagc atttaagttg aa 402

<210> 580
<211> 245
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 580
ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
agggatggga gggcgatgan gactaagatg atggcgggca ggatagttca gacngtttct 120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
gcatacagga ctagggaagca gataaagaaa atgactntta gggcgtgac atnaaanggg 240
ataaa 245

<210> 581
<211> 294
<212> DNA
<213> Homo sapien

<400> 581
tgcagcgcaa gtaggtctac aagacgctac ttccccctatc atagaagagc ttatcacctt 60
tcatgatcac gccctcatag tcatttttct tatctgcttc ctagtctctgt atgccctttt 120
cctaacactc acaacaaaac taactaatac taacatctca gacgctcagg aaatagaaac 180
cgtctgaact atcctgcccg ccatcatcct agtcctcacc gccctcccat ccctacgcac 240
cctttacata acagacgagg tcaacgatcc ctcccttacc atcaaataca ttgg 294

<210> 582
<211> 230
<212> DNA
<213> Homo sapien

<400> 582
gaggtcgccc tcatagtcac tttccttacc tgcttcctag tctgtatgc ccttttcccta 60
acactcacia caaaactaac taactaatac atctcagacg ctcaggaaat agaaaccgtc 120
tgaactatcc tgcccgccat cactcagtc ctcacgcgcc tcccatccct acgcacccct 180
tacataacag acgaggtcaa cgatccctcc cttaccatca aatcaattgg 230

<210> 583
<211> 481

<212> DNA
<213> Homo sapien

<400> 583

ccaaggggtgt	tctgcctgcc	tcagcctccc	aaagtgctgg	gattacaggt	gtgagccact	60
gtgcctgacc	acaggaaaac	ttattttaat	gagagatttg	actcgaaaga	tcccgttttt	120
ttaaggctct	tagttcttaa	aagcggcaca	taatagaatt	agtataatcc	caaataaatt	180
ttcagtagat	ttttgggtga	acttgagaag	atgattctgt	catttttagt	gacaatttaa	240
aagacctgaa	attgtctaca	gccatagaaa	gtgaactact	gatagttgtt	tctgtaaagt	300
tttattggaa	cacaaccaca	cctatttggt	catctgtatt	gtctttgggt	actttgtgca	360
gagaccatgg	cccacaaacc	taaaacattc	actttctagc	tctttaagaa	ataattggcc	420
cactgacacc	ctgggtcttaa	ggtctagacc	aattatttct	caagagtatt	agctgaatca	480
g						481

<210> 584
<211> 306
<212> DNA
<213> Homo sapien

<400> 584

ccaattaaga	gctaaattta	caaaataatc	tctatcagga	ggctttaagg	tttaatgtct	60
ctaaagtccc	tatggatata	agaggcttga	atgtactgaa	ttcaaatttg	gttttttaat	120
gttataatag	tttagggccc	agagccacat	atttctgtct	aagaatagaa	agcatagcta	180
gctgcccaca	cagaatattc	atatagaggt	ggggggcaag	aacaaaattt	attcatttga	240
tacatagaaa	tgggactact	tagaatagac	tcataataga	aagcatcatc	tggtttctca	300
tctcag						306

<210> 585
<211> 308
<212> DNA
<213> Homo sapien

<400> 585

ccagaatggt	acagagtgga	gggtgttctg	ctaatagactt	cagagaagta	tttaagaaaa	60
acatagaaaa	acgtgtgcgg	agtttgccag	aaatagatgg	cttgagcaaa	gagacgggtg	120
tgagctcatg	gatagccaaa	tatgatgcca	tttacagagg	tgaagaggac	ttgtgcaaac	180
agccaaatag	aatggcccta	agtgacgtgt	ctgaacttat	tctgagcaag	gaacaactct	240
atgaaatggt	tcagcagatt	ctgggtatta	aaaaactaga	acaccagctc	ctttataatg	300
catgtcag						308

<210> 586
<211> 416
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 586

cctgtctttg	aatggatgaa	atagggtta	aaaaaacatc	actgtttaaa	aactagaaca	60
ctgaaaaatt	ctaggaaagc	ttattttccc	ttatatTTTT	atgggnacttt	caacacttna	120
caacactatt	tnaattaann	ttntttctag	agtttatann	atatcagtac	attcttttct	180

gtggatgcaa	taatatagaa	tcttattnca	aatcttactg	gcaggntctn	ttaaattctt	240
caacggntgn	catagtatt	aaccaaaatt	agttatgatt	tctgcctatc	tgtgtgagaa	300
cttacagggg	aaattgttct	aaacctgagg	aacatgaagt	aactgtactg	cacactccaa	360
atgatgacag	tcattttata	tcaccttcaa	ttaccaaca	gcttttaata	gtctgg	416

<210> 587
 <211> 382
 <212> DNA
 <213> Homo sapien

<400> 587						
cctactatgg	gtgttaaatt	ttttactctc	tctacaaggt	tttttcctag	tgtccaaaga	60
gctgttcttc	tttggactaa	cagttaaatt	tacaagggga	tttagagggg	tctgtgggca	120
aattttaaagt	tgaactaaga	ttctatcttg	gacaaccagc	tatcaccagg	ctcggtaggt	180
ttgtcgcttc	tacctataaa	tcttcccact	atattgtctac	atagacgggt	gtgctctttt	240
agctgttctt	aggtagctcg	tctgggtttcg	gggggtcttag	ctttggctct	ccttgcaaag	300
ttattttctag	ttaatctatt	atgcagaagg	tataggggtt	agtccttgct	atattatgct	360
tggttataat	ttttcatctt	tc				382

<210> 588
 <211> 307
 <212> DNA
 <213> Homo sapien

<400> 588						
cctactcttc	tccgtccatt	gtactatctg	cccgtgggtg	ggatggcagt	aggatcatat	60
ttgatgactt	ccgagaagca	tattattggc	ttcgtcataa	tactccagag	gatgcgaagg	120
tcattgtcctg	gtgggattat	ggctatcaga	ttacagctat	ggcaaaccga	acaatttttag	180
tggacaataa	cacatggact	aatacccata	tttctcgagt	agggcaggca	atggcgctcca	240
cagaggaaaa	agcctatgag	atcatgaggg	agctcgatgt	cagctatgtg	ctgggtcattt	300
ttggagg						307

<210> 589
 <211> 89
 <212> DNA
 <213> Homo sapien

<400> 589						
cctgggtgat	tgaggatgca	atgagctgtg	attgtgccac	cacactccag	cctgggcaat	60
acagcaagac	tgtctcaaaa	aaaaaaaaa				89

<210> 590
 <211> 456
 <212> DNA
 <213> Homo sapien

<400> 590						
cctcagttct	tgatttgtgt	tgacggggcg	tcaccatgaa	ggagcccatt	tagtataaag	60
cttccaacct	tttctcttaa	tctgtttctt	aatcttttaa	accatcttca	agtgcattag	120
ggagttttccg	atgccagagg	atgaaagcaa	gtgctctctc	cacctctctc	tcccagagt	180
aaaacaaatc	cttttgtctga	tacttgtttc	aaaagcatcc	attgtaaagc	ttctcagtga	240
cacaaaatac	tgagaggtaa	ctttttatca	atcaaaccac	ataccccaat	ttaacacctt	300
tcaatgctct	gaattcaact	gacagactaa	aggggtgttc	ctgtaacagt	ctgaaatatt	360
aagtgttttt	tttgttttgt	ttttaaatct	tatttcagaa	aacttctct	tggggtagga	420

aagtacacat gaagcagcaa agtaacgaag aaaaac

456

<210> 591
<211> 289
<212> DNA
<213> Homo sapien

<400> 591
ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
ataagctctt ctatgatagg ggaagtagcg tcttgttagac ctacttgcg 289

<210> 592
<211> 435
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 592
cgcgttagat ggcctttttc cggcctgtgc gtctgctctg gttcctctca ggcagcaaag 60
ctggggaagg aagctcaggc aggagcctcc ccgacaccac agcggcaca gacagcagcta 120
aagcaccgca ctttgctctg ctaacctttt acttaaatga ggttttgcca aatccacatc 180
tggaaccgca tcacacccat ttgcaaggat gtttgttctt tgatgaaact gcactctctac 240
tgcacatgan ggctttcatt gtaggacaag aggagagttc gtttattttt gtaactgttt 300
tacatgttcc gattanttaa tcggnagctt atgtcatttg ctatgcctgt tgtcttctaa 360
tctctcctta ctaaaacatt acttcaaatt tnaattgacc cttgtttata atttatttaa 420
cgggatttgn gtgtc 435

<210> 593
<211> 633
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 593
ctgttttagtc agataattgt gtccgaattg attangaaaa taatagacca gccataaagc 60
agcataaaaat attatgaaac tattccagaa gttcagtaat atcttttgga cctgctcata 120
gcccaggttt tgtgaatact tttgtagtta aaaaaaattt ttactttacc agggcattgc 180
aattcttttc catcagtgaa tttcattcta cagacttttc agagcatctc ataatacagtc 240
aacaaatcta tttcaaagt gtttgttact aagcaacggg tgctaagagc ttctgtaatt 300
aagatgaaag ttccaaggta acaatgccca aacacagcac cattttcacc attttctgat 360
aatgcaggag taggatggct aaaagtgaag gaagaatcta ctctatggaa agcatggcac 420
ctgaaatttc tgaagatatt ggctgtcctc tagcttatat gagagagagt gtttgtgctt 480
tactaatcaa ccagtcattt ttttcttggt tggctgaaat gtacattcca gacatgaaca 540

ggtagagtat gtgttggggg caggtttata ctgcatgggt gtgctgagac agggccacgt 600
 ggtgatgtaa atgatgctgn ctgacacgtg cag 633

<210> 594
 <211> 501
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 594
 cctttacaag atgctggtac cttgatcttg gacngggcag gctccaagat ggaaagaaag 60
 tgagcatctg ctttttaggg attatccagt ctatactact ctgttctagc cacacaaaac 120
 aggttaagac agaaattggt accaagagtg ggggtgttact acagcaaata cctgaaaatg 180
 tagaagaggc tttgaaatgt ggtaattgga agaagctggg agaatttgga ggagtaggct 240
 agaaaatgtc tgtattttca tgaatggagc attaagaata attccgggtga ggccataggg 300
 aaagtctaaa acttttcaga aattatgtaa gcgattgtga ttagtagggt ggtagaaata 360
 tagacagtaa aagcaattct gatgtgggtt cagaggaaaa tgaaaaatat tagaaactga 420
 aggaaggggc atccttgcta taaactggca aagaacttgg ctgaaatgtc tccatgtcca 480
 agagatttat ggcagaaatg t 501

<210> 595
 <211> 383
 <212> DNA
 <213> Homo sapien

<400> 595
 ctggtcacca tcatcccttt aatcaactca cacctgttta aagagtgttt ctgatttgac 60
 cttcatccct tagtttactg gcgttaaaaa aagtctcagc aattttcatt atttctcgtg 120
 ggtctcatta tcaaacccttt acttatttcg gcataatttc tctgggcttc ttctagtttc 180
 tgccttacia gcaatgctgt tctgtaaatt tattgaaacc tctggaacat ttcaccttta 240
 gagatggagg atggaaggat tggtagcaga agaggggctaa gatacgtttt ctgtcttgag 300
 ctgaaagcac agtctactct ccttcgtttt gtcgatgaga aagttgaggc cagaggggag 360
 gtgacatggt tagagtcacc cag 383

<210> 596
 <211> 266
 <212> DNA
 <213> Homo sapien

<400> 596
 ccattggctag gtttatagat agttgggtgg ttggggtaaa tgagtgaggc aggagtccga 60
 ggagggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggttcgtc 120
 ctttagtggt gtgtatggct atcatttggt ttgagggttag tttgattagt cattgttggg 180
 tggtaattag tcggttggtg atgagatatt tggaggtggg gatcaataga gggggaaata 240
 gaatgatcag tactgcggcg ggtagg 266

<210> 597
 <211> 383
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 597
 ctgggtcacca tcatcccttt aatcaactca caccngttta aagagtgttt ctgatttgac 60
 cttcatccct tagtttactg gcgttaaaaa aagtctcagc aattttcatt atttctcgtg 120
 ggtctcatta tcaaaccctt acttatttcg gcataatttc tctgggcttc ttctagtctc 180
 tgccttacaa gcaatgctgt tctgtaaatt tattgaaacc tctggaacat ttcaccttta 240
 gagatggagg atggaaggat tgggtaccaga agaggggctaa gatacgtttt ctgtcttgag 300
 ctgaaagcac agtctactct ccttcgtttt gtcgatgaga aagttgaggc cagaggggag 360
 gtgacatggt tagagtcacc cag 383

<210> 598
 <211> 266
 <212> DNA
 <213> Homo sapien

<400> 598
 ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
 ggagggttagt tgtggcaata aaaatgatta aggatactag tataagagat caggttcgtc 120
 ctttagtggt gtgtatggct atcatttggt ttgagggttag ttgattagat cattgttggg 180
 tggttaattag tcggttggtg atgagatatt tggagggtggg gatcaataga gggggaaata 240
 gaatgatcag tactgcggcg ggtagg 266

<210> 599
 <211> 294
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 599
 ccaattgatt tgatggtaag ggaggggatcg ttgaccacgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctagggaagca nataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctctt ctatgatagg ggaagtagcg tctttagtagac ctacttgccg tgca 294

<210> 600
 <211> 213
 <212> DNA
 <213> Homo sapien

<400> 600
 agatattggg ctgttaattg tcagttcagt gttttaatct gacgcaggct tatgcggagg 60
 agaattgttt catgttactt atactaacat tagttcttct ataggggtgat agattgggtc 120
 aattgggtgt gaggagtca gttatatgtt tgggattttt taggtagtgg gtgttgagct 180
 tgaacgcttt ctttaattggg ggctgccttt agg 213

```
<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G
```

<400> 601						
ncctactatg	ggtgttaaat	tttttactct	ctctacaagg	ttttttccta	gtgtccaaag	60
agctgttctt	ctttggacta	acagttaaat	ttacaagggg	atttagaggg	ttctgtgggc	120
aaatttaaag	ttgaactaag	attctatctt	ggacaaccag	ctatcaccag	gctcggtagg	180
tttgtgcctt	ctacctataa	atcttcccac	tattttgcta	catagacggg	tgtgctcttt	240
tagctgttct	taggtagctc	gtctggtttc	gggggtctta	gctttggctc	tccttgcaaa	300
gttattttcta	gttaattcat	tatgcagaag	gtataggggt	tagtccttgc	tatattatgc	360
ttggttataa	tttttcatct	ttcccttgcg	gtactatatc	tattgcgccca	ggtttcaatt	420
tctatcgccct	atactttatt	tgggtaaatg	gtttggctaa	ggttgtctgg	t	471

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<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G
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<400>	602						
tgagcataca	gcaataaaaa	taacataaatt	tntatgtgta	caatattttat	ggaatacgtt		60
actggaacag	ataaataaatt	tagttaataa	catgacaaaag	aacagaaaatt	gtatacacta		120
tacagcatag	taatagaata	atgaatgatt	aaagttatta	atattaggta	gaaaatgaag		180
ggtatctttg	agagcagaac	tcaaggaagc	aagcaatttg	ccttatgagg	aaagagttac		240
ctgtggataa	aggagaaact	gaaaaattta	caagtcaaga	ctttttgagc	aaaaacaaaa		300
atatgactat	gagtcaccaa	ttcagtacag	tgaaaaaaaa	gttgaagaga	tatcttggaa		360
gtaaaccatg	ttgtggaaga	gcagggtttt	gataatcatg	ggattattct	gaatgaattt		420
taaatgcgat	aggaatatat	gagataattt	caccagagaa	taatatgatc	atgtttgcat		480
tt							482

<400> 603						
gttccaacct	tcattttctga	aactgtttcta	gagcacttttg	tcttttctcgt	agttcataac	60
ttaccoccttc	agtctagaat	tagaattaca	ttatctgttt	tactacttta	ctagactgta	120
agctcctaga	agataaggac	tagggagttc	atctctgtat	tccaccagaa	ggtagcagtga	180
ctcataacta	gagtcctttag	atgaaactta	ctgagttgaa	taacttaata	tatttctggt	240
ttcattccca	agggaggcca	tgtctggaga	tagaccttga	atttaataaaa	ttttaggcac	300
tataccattt	cagtggagaa	aattgttggg	aaatttgggg	ggatggatat	ataaggggga	360

ggaagtcact gg

372

<210> 604
 <211> 468
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 604
 gcngttttga gtgagtttct taatcctgag ttcttgnttg attgcactgt ggtctgagag 60
 atagtttggt ataatttctg ttctttttaca cttactgagg agagctttac ttccaagtat 120
 gtggtcgatt ttggaatagg tgtggtgtcg tgctgaaaag aatgtatatt ctggtgattt 180
 ggggtggaga gttctgtana tgtctattag gtccgcttgg tgcagagttg agttcaattc 240
 ctggatagcc ttgttaactt tctgtctcgt tgatctgtct aatggtgaca gtgggggtgg 300
 aaagtctccc attattattg tgtgggagtc taagtctctt tgtaggtcac taaggacttg 360
 ctttatgaat ctgggtgctc ctgcattggg tgcacatata tttaggacag cnagctcttc 420
 ttgttgaatt gatcccttta ccattatgta atggccttgn ctcttttg 468

<210> 605
 <211> 288
 <212> DNA
 <213> Homo sapien

<400> 605
 ccaattgatt tgatggtaag ggagggatcg ttgacctcgt ctgttatgta aaggatgcgt 60
 agggatggga gggcgatgag gactaggatg atggcgggca ggatagttca gacggtttct 120
 atttcctgag cgtctgagat gttagtatta gttagttttg ttgtgagtgt taggaaaagg 180
 gcatacagga ctaggaagca gataaggaaa atgactatga gggcgtgatc atgaaagggtg 240
 ataagctctt ctatgatagg ggaagtagcg tcttgtagac ctacttgc 288

<210> 606
 <211> 572
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 606
 gaatnaaatg aatgaaatag aaaatataat tgagagcttc aacaacagac tataccaaat 60
 ggaggaaaaa atttctgaac ttgaagatag atcttttgaa ataacacaag cagtggcaaa 120
 aatgaattaa aaagaataag gaaagcctaa aggatttatg agatatcatt aagcaagcaa 180
 atattcatac tatgggcatt ccagatggaa aaaagaaggg taaagggtgag gaaatcatat 240
 ttaatgaaat aatagcagaa aatttcggga gtcttgggag agagatgagc atttaggtcc 300
 agggagctca agaaccacca aacagattca acccaaacag gtcctctctg gagcccaaca 360
 tagtcaaatt gtaataagta aaagacaaa aattccaana agcattcaag agaaaagagt 420
 caagtcataa ataagggaat ctccattagg ctaacagcag atatctcagc agaaagctta 480
 .cangccanga gagaatggga tgatatattc aaagtacttg aaagcagggg tnggggaaac 540

096466-096900

cctgctagct aaaaatatta tacccttgca aa

572

<210> 607
<211> 178
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 607
ctcggggtaa tctcccagca agaggtcagg tcttggnctgt gcgtcccagg gtgtcagtga 60
aattggctgc tccctgacc cagggcacct tcatgctgt tccacagcagg actactgtga 120
ccaaggccag acctttcatt tttcaaaaga ctttgactaa aaatgcttta aaaaagca 178

<210> 608
<211> 416
<212> DNA
<213> Homo sapien

<400> 608
cctgtctttg aatggatgaa atagggttaat aaagaacatc actgtttaaa aactagaaca 60
ctgaaaaatt ctaggaaagc ttattttccc ttatatatttt atggtacttt caacacttaa 120
taacactatt tcaattaagt tttctcctag agtttatagt atatcagtag attcctttct 180
gtggatgcaa taatatagaa tcttattcca aatcttactg gcaggttctc tttaaattctt 240
caacggctgt catagtgtt aacaaaaatt agttatgatt tctgcctatc tgtgtgagaa 300
cttacagggg aaattgttct aaacctgagg aacatgaagt aactgtactg cacactccaa 360
atgatgacag tcattttata tcaccttcaa ttacccaaca gcttttaata gtctgg 416

<210> 609
<211> 648
<212> DNA
<213> Homo sapien

<400> 609
ctgatctctc agcagaaaact cttcaaacca gaagagagtg ggggcccaata ttcaacattc 60
ttaaagaaaa taattttcaa cccagaattt catatccagc caaactaacc ttcacaagtg 120
aaggagaaat aaaatccttt acagacaagc aaatgctgag agattttatc accaccaggc 180
ctaccctaaa agagttcctg aaggaagcac taaacatgga aaggaacaac cagtaccatc 240
gaggctagga agaaaccgca tcaactaagg agcaaaataa ccagctaaca tcataatgac 300
aggatcagat tcacacataa cgatattaac tttaaatgta aatggactaa atgctccaat 360
taaaagacac agactggcaa attggataaa gagtcaagac ccatcagggg gctgtattca 420
ggaaacccat ctcaccgtgc agagacacac ataggctcaa aataaagggc tggaggaaga 480
tctaccaagc aaatggaaaa caaaaaaagg caggggttgc aatcctagtc tctgataaaa 540
cagactttta accaacaag atcagaagag acaaagaagg ccattacata atggtaaagg 600
gatcaattca acaagaagag ctaactatcc taaatatata ttgcaccc 648

<210> 610
<211> 310
<212> DNA
<213> Homo sapien

006380 006380

<400> 610
 ccagctcttc tctgtcacat tcttatttct gacttctgcc tggctttcag tttctgcccc 60
 accttggctt tttcccagct tgaacctaat agaactccag agtttggggg gagggcccagc 120
 cctttgtttt ctgctcttga agcatattca cacataaaaa gttgtattct cttacacaaa 180
 ctgttttgag gctcttaccg tagtcgaagg tatcttagat cttccttagt gatctcatta 240
 agaatatccg aaagtgtata accctcttca acaatctgaa acaaagatca gatccttaag 300
 agctgagcag 310

<210> 611
 <211> 254
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 611
 ctgttttttac atctaaagca atagactaga actgaattnt cttctacata gtaaaatcac 60
 aattgtggaa ttacaggaat tctggtgata ttaaggtgaa acaacaaaac acaaaaggcc 120
 ctattttaac agttgatgtg acagtaagtt ttaatagaac ctgtaacttc attttggaag 180
 tgctttctcca ccaaataagg cctttttccc ctatttaagg agccagatgg attgaaagat 240
 gtggaaatag gcag 254

<210> 612
 <211> 225
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 612
 ctgactatat catgtcacca tcatagccaa tacaacattn ttgccatact tcttaaaaac 60
 cttttgcgat aactgatca tgctacttat cagcactttc taacatcctg accaaacaga 120
 caccacacc tcttatagag tacactgtga gagaataaca tggacttgat atggcatcac 180
 acttgtttta aagcaaaaaa aaaagaaaaa gaaaagaaaa aaaaa 225

<210> 613
 <211> 471
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 613
 ccatcagact tcttgggtgc ctggctatat tcaatgtgaa gtaaaaaata tcccaagtct 60
 tacacaaaaa tagaggctct gacttagaag tatgctttta gctttctttt taaataagac 120

006230 095153 089000

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attctggaag aaaaaaaaag aaaaaggaaa gaaaatcaag tttgaaacac agttaacact 180
tattttggca agaaagcaac caaaatctaa aaagcataaa ctatgngtcc aaatgnaaaa 240
gggnattacag aacaaactgc aagaggggaa aattaaagcc nactgaacg aaaaaataca 300
gtatgtctaa cattttggaa ttgnaattta aaccctaagg gcaaaagctg aaaaatcatg 360
cttanacctn ggncgngacc acnctaagg ggaattccan cacactggcg gncgttacta 420
gtggatccna nctcggtacc aagcttggcg taatcctnng catagctgtt t 471

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<210> 614
<211> 421
<212> DNA
<213> Homo sapien

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<400> 614
gttattttttt agaattggctc tcccatcttg agtatgtgtg atgttttctc atgtatgaat 60
gaagcatata catcttttgc agaagtatcc cagaagcaat tctgtactct cctcattatg 120
ttctattggg tgggccatgg tttttgattt gtctcattac tgatgatggg tacttttatt 180
atgtgataaa gggtgtatat aacttatcta ttatggcata atacattagc taaaaccttg 240
gcggtgtaaa acagcagata cttacgtttc tcataggaat ggctctattg agtacctctg 300
tctcaaggct tctcaagagt ttgtagctac cttgttggct ggggttgcgg tctgacctaa 360
aggcttagtt aggggggtgg agaaatcttc catatgttct ttgtctacgtg gacctcacag 420
g 421

```

```

<210> 615
<211> 242
<212> DNA
<213> Homo sapien

```

```

<400> 615
cctcctatttt attctagcca cctctagcct agccgtttac tcaatcctct gatcaggatg 60
agcatcaaac tcaaactacg cctgatcgg cgcactgcca gcagtagccc aaacaatctc 120
atatgaagtc accctagcca tcattctact atcaacatta ctaataagtg gctcctttaa 180
cctctccacc cttatcacaa cacaagaaca cctctgatta ctctgccaat catgacctt 240
gg 242

```

```

<210> 616
<211> 392
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

```

```

<400> 616
cctaatttgt agattgtgaa agcagctttt agtttaactt atttacagac cccttataat 60
taccatgttt tttttttnt tctaaaatct nttggttcag cttgngaata ttacgtgccc 120
gtaaagtngg gatgttgaat nggcccttnt ttgttctggc agngagtcaa gngtccanca 180
ttttttcata agngtttttt aaaatngttc tccancattt tatggctcct ccctcccatg 240
tcctcaaacc cagcaaaaagc gtanaggcan aattanagga cccncccggg cggccgntaa 300
gggnaattc cagencactg gcggccgtta ctagnnggatc cnagctcggn nccaagctng 360
gcgtaatcat ggncatagct gtttcctgtg an 392

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<210> 617

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<211> 215
 <212> DNA
 <213> Homo sapien

<400> 617
 cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcttc tttggactac cagtttaaatt tacaagggga ttttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagg taccaccagg ctcggtaggt 180
 ttgtgcctc tacctataaa tcttcccact atttt 215

<210> 618
 <211> 433
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 618
 cttttgtntg cctgttttgt ggactggctg gctctgttag aactctgtcc aaaaagtgca 60
 tggaaataaa cttgtaaagc ttcccacaat tgacaatata tatgcatgtg tttaaaccaa 120
 atccagaaag cttaaacaat agagctgcat aatagtattt attaaagaat cacaactgta 180
 aacatgagaa taacttaagg attctagttt agttttttgt aattgcaaatt tatatttttg 240
 ctgctgatat attagaataa tttttaaatg tcatcttgaa atagaaatat gtattttaag 300
 cactcacgca aaggtaaatg aacacgtttt aaatgtgtgt gttgctaatt ttttcataa 360
 gaattgtaaa cattgaactg aacaaattac ccataatgga tttggttaat gacttatgag 420
 caagctgggt tgg 433

<210> 619
 <211> 259
 <212> DNA
 <213> Homo sapien

<400> 619
 ctgcagtgtc cctttttata tcatgctagt gttgagacat acttgactaa cttgggaaca 60
 gttcgatata ttgacaaccg tcaacttaag aaaatcaaca gcttttggcc ccagcgtcca 120
 agtgaacttt tcatggagtg cagaatctca aatggacaaa atactttgtc tttttaaata 180
 ctgaaaattt aattattagt actatgactg aaagattctt catggctaaa aagctctgca 240
 tcaaactcaa ttcaggagg 259

<210> 620
 <211> 393
 <212> DNA
 <213> Homo sapien

<400> 620
 ccaccaaagc cacacggaga ttctgtcagg cgctgagaca ccacagcctt ttcaatctta 60
 gggaaagaaa tcaagtcata taaattaata tcaacaggta aggtcattga gcaattgtct 120
 ttcaactgtc taagacttta tcaacttaaga tcataaacac agaagcagggt cataaaaata 180
 gcttttctta aggttttagga gaattttagt gggcacttac ttgataatct gaattttcta 240
 gtcagaagtt taaataccac cttttaaaaa cataaaaattt aatttgtaac aagttattaa 300
 caaagcagta ttgtcgaaag ttttaagctt tctcccaata atttaattac attaattaaa 360

tttttaccat tctaattggtt acaaagtaac cag

393

<210> 621
<211> 563
<212> DNA
<213> Homo sapien

<400> 621
ctgacaatga taaaattatc tctatatggg caaacgcgtg ctctttgtcg aagaagaaag 60
cttcagcttc atgttccagg tgagttaatt aggcaatgta tgaatgctaa tatctctttc 120
acatatcttg cttaagatct gtcttaggac tctcgtctgg cccatatggt tttccaaggg 180
cagaagggcc tctttttgat gagaggcagt tttcagtaac tcttaaagtg ataacagcaa 240
aggagaggag agagaagagt aagacaaatc gaaacattct tcaattgctt cttggccttt 300
tggctaagct caagctcaaa acaggtcttc aaggagaaaa tacatcacia agaaaaggat 360
gtttttattc ttaccttgct ctagaaaaat ttccataaac tctattggct taattctgta 420
aacttgacca atatcagagt gcttcctacc aaggagggtg gctgatgagc gtgaccatgg 480
tacatcctag aagaatgtgt gatgaagaag ctttcaccgt gtaaaagagt tgaaaattat 540
tcaaggagac attatggtct tgg 563

<210> 622
<211> 505
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = A,T,C or G

<400> 622
tcttaagtgt gtttaataga taaagtaaac tttcctagtc aagggttaga tttttattat 60
ctcttggtgt cgcactttct acttttcaac tttgaacttc aaaaaaacat tactttgctt 120
atcctttgta ctttgatcag gttggttaga attgtagatc aaaccattct ttgatcattt 180
tattgtttaa atgnntagtt ccattttataa tttttatagc caactctcgg ttattttctgt 240
cttttgagat tgcaattcag aagctgtatg tcgaagtaat ttatgagttg actttttatac 300
ttaggcttct ttaaatacta atagtcaaga attctagagc atctaataaa aaattaactt 360
tcagatcatt gggaatctgt cctcatttta atatgtgtaa atgcatttcc acagcaaatt 420
gcttcatgcc ctttgnctat aaggaaatta ttccttgtag ctaatacatt tttcattttg 480
cagncctaat cttttttgag aaagg 505

<210> 623
<211> 489
<212> DNA
<213> Homo sapien

<400> 623
cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
gctgttcctc tttggactaa cagtttaaatt tacaagggga tttagagggt tctgtgggca 120
aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
ttgtcgctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtctt ccttgcaaag 300
ttatttctag ttaattcatt atgcagaagg tatagggtt agtccttgct atattatgct 360
tggttataat ttttcatctt tcccttgctg tactatatct attgcgccag gtttcaattt 420
ctatcgctat actttatttg ggtaaatggt ttggctaagg ttgtctggta gtaagggtga 480

gtgggtttg

489

<210> 624
 <211> 233
 <212> DNA
 <213> Homo sapien

<400> 624
 gttggggaac agctaaatag gttgttgttg atttggttaa aaaatagtag ggggatgatg 60
 ctaataatta ggctgtgggt gggttgtgttg attcaaatta tgtgtttttt ggagagtcac 120
 gtcagtggta gtaatataat tggtgggacg attagtttta gcattggagt aggttttaggt 180
 tatgtacgta gtctaggcca tatgtgtttg agattgagac tagtagggct agg 233

<210> 625
 <211> 459
 <212> DNA
 <213> Homo sapien

<400> 625
 ttcgagaaca tttttaataa ataatgtgac aaaattactt ttctgattat tggattttca 60
 gtatgcaaaa ttatggctaa aaataagggg cttcttcat gaacataatg aaaacattaa 120
 tcacatggat tgttccetta gtactgcacg ctttttctat ggaacttttt caaattatct 180
 aaatgaacaa gtttggtttt ggtgaacacc agcctttttt tttgtgggtc agttttgttt 240
 ggctttgtct tccactgggg tcagacctga tacttatcta tctatgaata aatgtacatt 300
 tttttcttca aatagcacca attataaaat caatgatatt cataaaatga caaaaaagga 360
 tcatagaaat ctactagtca gagggcatca tttgtcaatt gaaagcaagt aatgcctcta 420
 ttagagattt taaggaaatc ttgtaggttt cgacattgg 459

<210> 626
 <211> 458
 <212> DNA
 <213> Homo sapien

<400> 626
 cctgatgatt gttttaaaca gtagaaaggg ttcagctaag aactacagtc cactctcagc 60
 cctgtcatgt actataggac aagtcttcat tcacaacaaa tggatagcaa caccaatctc 120
 gtaacactgg gaaaactgca tacaatattt agaaggaaca ctaatacagc agaatctgca 180
 cacaacggag tcaaagatct gaggcacaaat cctactacac tttacgactt tgagttggtc 240
 acttttctga accttagctt ctccatcagt gtaaaactga tgtaaaataa tataaagcta 300
 tatgaaagct gatgtgattt acttgtgaaa tagtatgtgc aaaaggactt tgtaaaatgt 360
 aaagcactat gctggttatt gtgatatctg agatattttt aaagttgcaa ttcaattcaa 420
 caagcattca tttagagtca tgtgcaaggc actgtgtct 458

<210> 627
 <211> 393
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1) ... (393)
 <223> n = A,T,C or G

<400> 627

ccatnngaac gcactcagga ggtggtttgt tctggatgca gaaaccagag atctagtttc 60
 tatccacaca gacgggaatg aacagctctc tgtgatgcgc tactcaatag atggtacctt 120
 cctggctgta ggatctcatg acaactttat ttacctctat gtagtctctg aaaatggaag 180
 aaaatatagc agatatggaa ggtgcactgg acattccagc tacatcacac accttgactg 240
 gtccccagac aacaagtata taatgtctaa ctcgaggagac tatgaaatat tgtactggga 300
 cattccaaat ggctgcaaac taatcaggaa tcgacgggat tgtaaggaca tttgattgga 360
 ccgacatata cctgtgggct aggacttcca gga 393

<210> 628

<211> 233

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 628

ctggatttat aaaatagttg aatgacaaaa gaagnntggt ttgacagtaa aaaaaagaca 60
 ttatggacaa aatatgcaaa atgtgcaaa aaaaaataaa tttgcattag aaaggtgggc 120
 atttgatctc tgagccctgt gccatgtaac attgccatgt tctttcactg ttgtttgaat 180
 gttgtacccc ancccttgac tctggactta aggcaagcta tgactggcct tgg 233

<210> 629

<211> 450

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 629

ccnggacaat ntaggcagga gaaggaaata aagggtattc aattaggaaa agaggaagtc 60
 aaattgtccc tgtttgcaga tgacatgatt gtatatctag aaaaccccat tgcctcagcc 120
 caaaatctcc ttaagctgat aagcaactcc agcaaagtcg caggatacaa aatcaatgga 180
 cacaaatcac aaacattctt atacaccaat aacagacaaa cagaggccaa atcacgagtn 240
 gaactctatt ccaattgctt tcaagaaaat taaaatacct agggatccaa cttacaaggg 300
 acatgaagga cctcttcaag gagaaactac aaaccactgc tcaatgaaat aaaagaggat 360
 acaaagaaat ggaagaacat tccatgctca ttggtagctt gatggggatg gcattgaatc 420
 tataaattac cttgggcagt atggacctca 450

<210> 630

<211> 486

<212> DNA

<213> Homo sapien

<400> 630

cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcttc tttggactaa cagttaaatt tacaagggga tttagagggt tctgtgggca 120
 aattttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
 ttgtcgcttc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240

09651563 032900

agctgttctt aggtagctcg tctgggttctg ggggtcttag ctttggtctt ccttgcaaag 300
 ttattttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcccttgctg tactatatct attgcgccag gtttcaattt 420
 ctatcgcta tactttattt gggtaaattg tttggctaag gttgtctggt agtaagggtg 480
 agtggg 486

<210> 631
 <211> 211
 <212> DNA
 <213> Homo sapien

<400> 631
 ttacataaa tattacta gcatttacca tctcacttct aggaatacta gtatategct 60
 cacacctcat atccctcccta ctatgcctag aaggaataat actatcactg ttcattatag 120
 ctactctcat aaccctcaac acccactccc tcttagccaa tattgtgctt attgccatac 180
 tagtctttgc cgctgcgat gcagcggtag g 211

<210> 632
 <211> 293
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 632
 cagcgcaagt aggtctacaa gacgtactt cccctatcat agaagagctt atcacctttc 60
 atgatcacgc cctcatagtc atttttccct atctgcttcc tagtcttgta tgcccttttc 120
 ctaacactca caacaaaact aactaatact aacatctcag acgctcagga aatagaaacc 180
 gtctgaacta ngctgcccgc catcatccta gtctcatcg cctcccatc cctacgcac 240
 ctttacataa cagacgaggt cnacgatccc tcccttacca tcaaatcaat tgg 293

<210> 633
 <211> 263
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 633
 nggtctgcag tgtccctttt tatatcatgc tagtggtgag acatacttga ctaacttggg 60
 aacagttcga tatattgaca accgtcaact taagaaaatc aacagctttt ggccccagcg 120
 tccaagtga cttttcatgg agtgcagaat ctcaaatgga caaaatactt tgtcttttta 180
 aatactgaaa attnaattat tagtactatg actgaaagat tcttcatggc taaaaagctc 240
 tgcacaaac tcaattcagg agg 263

<210> 634
 <211> 491
 <212> DNA

005453 00500
 005453 00500

<400> 634

<210> 635

<211> 270

<212> DNA

<213> Homo sapien

<400> 635

<210> 636

<211> 383

<212> DNA

<213> Homo sapien

<400> 636

<210> 637

<211> 537

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

<222> (1) ... (537)

<223> n = A, T, C or G

<400> 637

ttttaatcctt	ggggtatata	ggcagnactt	taaattgcaa	agtcttcgpg	gcctattttc	60
ctctacacct	ttgtaatata	ctctgggggc	ttacttggtt	tggcagtact	gaaatcaaag	120
gagctgggtc	ttctttttctc	ccaattattt	tcatatgaaa	gcacctacaa	ttagcctggt	180
agtcctattc	agatacatca	aatatcagtg	aatgctttac	tattcgcaca	tttaagcatt	240

tttgttttac	ataaaattag	agtatgaaaa	ccagtgttca	atTTTTtata	ttgttgagct	300
tgtaaaatgc	cagcaattta	aaactaggac	ttttccccc	ataagccaag	gaggtagaat	360
tactaataca	aggggttaaag	aaggtagatt	ttgttttcaa	tatttgggta	atattagaaa	420
gatttttccc	acaggggaaga	actagcaagt	gtcccaattt	tttccaaacg	ttggggaggg	480
gaaaattcac	tgtatcatga	aaccctaagg	gtttgngtgc	acttctgct	ttttagg	537

<210> 638
 <211> 445
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

ccagcagaac	acagnagtga	tttgggtcccg	tttgttcccc	agtgggggtat	ctatccttgt	60
gcagggcaca	agcctacatg	gtggctctgg	tcatatcatt	agaaaataga	cagaaatggg	120
ctgcacacca	gaatgaatga	attgaattga	aaggaggagg	tgatgggtgga	aaaaaaaaaca	180
agtcaattca	tttagactgg	tagaaccaga	accactgtgt	agtacatcca	aacggttaaa	240
attccctgga	agatgttaca	taatcctatc	atgggtgttta	tttatggaaa	tctatttttaa	300
aaattttatg	taatactgca	cagtctgttt	gcatgatgcc	ttgtacgtag	tagcaactca	360
gtaaaatactt	tttgaatgaa	ctagtatagt	attttaatta	gctagtcttc	gtgtactggg	420
acaaaagaac	agtgatcatc	tacag				445

<210> 639
 <211> 584
 <212> DNA
 <213> Homo sapien

gcttgagtat	tctatagtgt	cacctaaata	gcttggcgta	atcatgggtca	tagctgtttc	60
ctgtgtgaaa	ttgttatccg	ctcacaattc	cacacaacat	acgagccgga	agcataaagt	120
gtaaagcctg	gggtgcctaa	tgagttagct	aactcacatt	aattgcgttg	cgctcaactgc	180
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cggtcggttcg	gctgcggcga	gcggtatcag	ctcactcaaa	ggcggtaata	cggttatcca	360
cagaatcagg	ggataacgca	ggaaagaaca	tgtgagcaaa	aggccagcaa	aaggccagga	420
accgtaaaaa	ggccgcgttg	ctggcggttt	tccataggct	ccgccccct	gacgagcatc	480
acaaaaatcg	acgctcaagt	caagagggtg	cgaaaccgga	caggactata	aagataccag	540
gcgtttcccc	ctggaagctc	cctcgtgcgc	tctcctgttc	cgac		584

<210> 640
 <211> 404
 <212> DNA
 <213> Homo sapien

ccataggaac	gcactcaggc	aggtgggttg	ttctggatgc	agaaaccaga	gatctagttt	60
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tcttggtgt	aggatctcat	gacaacttta	tttacctcta	tgtagtctct	gaaaatggaa	180
gaaaatatag	gagatatgga	aggtgcactg	gacattccag	ctacatcaca	caccttgact	240
ggtccccaga	caacaagtat	ataatgtcta	actcgggaga	ctatgaaata	ttgtactggg	300

acattccaaa tggctgcaaa ctaatcagga atcgatcgga ttgtaaggac attgattgga 360
cgacatatac ctgtgtgcta ggatttcaag tatttgggtgt ctgg 404

<210> 641
<211> 138
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 641
ctgtgacagg aacattacct gaagtgcagg gtggttacct gcacaaagtc ccatttccaa 60
aaattttctgt gtaattcacc agaaattttg gatggaataa ttagaaaaaa aaaaagagggt 120
taaaacntgt aactcaaa 138

<210> 642
<211> 381
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 642
ctgtaggtgg aatttttacc cagaaaagat aggcctctaga agcctcattt cttttctcca 60
tggaaggga cagccctctg ctgcagcgtt caacttgtgt gtttactgac agagtgaact 120
acagaaatag cttttcttcc taaaggggat tgttctacat tttgaagtta ttttttaata 180
aaattgaatt atgttgtgta ttgtgcttcc taataggaaa tgcattattg gactgttttt 240
gtaacatcct gtttattgca aatagctagt atcgttcaaa aactgtataa aatacttttg 300
tacatattag caatgtctaa tttgtataca cttcagttaa atttccttaa aacttgaaag 360
gggaccttgt anaaattaaa a 381

<210> 643
<211> 403
<212> DNA
<213> Homo sapien

<400> 643
ccttcctaaa aaatagtggg gagctggagg ctacttccgc cttcttagcg tctggtcaga 60
gagctgatgg atatccatt tggccccgac aagatgacat agatttgcaa aaagatgatg 120
aggataccag agaggcattg gtcaaaaaat ttgggtgctca gaatgtagct cggaggattg 180
aatttcgaaa gaaataattg gcaagataat gagaaaagaa aaaagtcatt gtaggtgagg 240
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attttctgac catcgctgct gttgctctgt gagtcctaga tttttgtagc caagcagagt 360
tgtagagggg gataaaaaa aaagaaattg gatgtattta cag 403

<210> 644
<211> 688
<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 644

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gtcatttttgc	tactgggttag	cttttagtttg	aggcaagtaa	aaattttttga	ttaaaatttag	180
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gtaacttttgc	attttgaaga	acaaaccaat	aatttttcat	gagccctact	cgatcttctt	300
taaagaagac	cttcctaaga	gacaattagg	gatgagtttg	attaatggga	aatagctcta	360
gggttagatta	ttttaaatc	catacaccaa	gtgatttaac	cacagtggca	gtggcagctt	420
ctgaaccgtc	aagtatgaac	atcacttaaa	aattaaaaga	tgcttaataa	taaactctta	480
attttcatta	agccaatctg	taattcagaa	gaaaagcata	tgtctgccat	gggactattg	540
cagtgcgtct	ccatcagtg	taacacagga	gagatatgtt	attttatgtg	tatgtcttag	600
tttgggatat	gtggtagtaa	gaacatgtca	agagtgcctt	tcttcaaacc	tgncagctca	660
actgangaaa	gacaggtact	tccattgc				688

<210> 645

<211> 484

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = A,T,C or G

<400> 645

ccaaatgtgt	ctccagccca	cacttccagg	tggcagagcg	agctctctat	tactggaata	60
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cttccttgta	ccgcaactca	aagacccatt	ggaacaagac	aatacatggc	ttgatataca	180
acgccctgaa	gctcttcatg	gagatgaacc	aaaagctatt	tgatgactgt	acacaacagt	240
tcaaagcaga	gaaactaaaa	gagaagctaa	aaatgaaaga	acgggaagaa	gcatgggtta	300
aaatagaaaa	tctagccaaa	gccaatcccc	aggtactaaa	aaagagaata	acatgaaaac	360
gccaggggtt	acttgaatgt	ttttataaga	taggaatata	tgtcttcacc	atgggggggg	420
gtctcggatt	tcactaacgt	tgtatatgaa	aatgggtgcn	ataaaaagta	cttttaaact	480
ttgt						484

<210> 646

<211> 447

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 646

gggtcgcgtt	gaacaacttg	gttcaagatg	gtggggggcat	ttttagagcg	gcaataattg	60
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aaaaaaaaagg cgaactctgc cttggagagg tagatgataa gaaataaaaa ggtgtttata 120
actattttgt attataaagt gggccttaga gataggaaga agaatzatgg attccttttg 180
gatcaatcag aaaggaaaca cgaagaaaaa gtcaggaagg tagagagaga aaaagggagg 240
gaaggagaaa gaatgggaat aaaataagga ggtaagagat actatttttg ctgagcaacc 300
agtgtgtttc aggatgatac aaagaaaaat atagaataga aataagtga ggcttggaat 360
cagctacaaa tcctaaagat ggggtgtgtg tggatgtgtg tgtgtgtgtg tgnacaccat 420
tgtgtgtttg taaaatgtgt atgtccc 447

```

```

<210> 647
<211> 388
<212> DNA
<213> Homo sapien

```

```

<400> 647
gaaggtgata taaaatgact gtcattcattt ggagtgtgca gtacagttac ttcattgttcc 60
tcaggttttag aacaattttcc cctgcaagtt ctacacacaga taggcagaaa tcataactaa 120
ttttggttaa tcactatggc agccgttgaa gaatttaaga gaacctgcca gtaagatttg 180
gaataagatt ctatattatt gcatccacag aaaagaatgt actgatatac tataaactct 240
aggagaaaac ttaattgaaa tagtgatttatt aagtgttgaa agtaccataa aaatataagg 300
gaaaataagc tttcctagaa tttttcagtg ttctagtttt taaacagtga tgttttttat 360
taacctattt catccattca aagacagg 388

```

```

<210> 648
<211> 632
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

```

```

<400> 648
cctggctggg cntttgacct gcgnttttaa atnactcaca gaggggtggga caggaggaag 60
agtgaaggaa aaggtcaaac ctgttttaag ggcaacctgc ctttgttctg aattgggtctt 120
aagaacatta ccagctccag gtttaaatgt ttcagtttca tgcagttcca atagctgatc 180
attgttgaga tgaggacaaa atcctttgtc ctactagtt tgcctttacat ttttgaaaag 240
tattattttt gtccaagtgc ttatcaacta aaccttgtgt taggtaagaa tggaatttat 300
taagtgaatc agtgtgaccc ttcttgtcat aagattatct taaagctgaa gccaaaatat 360
gcttcaaaaag aagaggactt tattgttcat tgtagtcat acattcaaag catctgaact 420
gtagtttcta tagcaagcca attacatcca taagtggaga aggaaataga tagatgtcaa 480
agnatgattg gtggaggagg caaggttgaa gataatctgg ggttgaaatt ttctagttnt 540
cattccgtac attttttagt agacatcaga tttgaaatat taatgttacc tcctcaatgg 600
ggtggtatca gacctgcccg ggcggncggn tc 632

```

```

<210> 649
<211> 300
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

<400> 649
 nggtgaagat agaanaaata taagcgaaat tggataaaat agcactgaaa aaatgaggaa 60
 attattggta accaatttat tttaaaagcc catcaattta atttctgggtg gtgcagaagt 120
 tagaaggtaa agcttgagaa gatgagggtg tttacgtaga ccagaaccaa tttagaagaa 180
 tacttgaagc tagaagggga agttgggttaa aaatcacatc aaaaagctac taaaaggact 240
 ggtgtaattt aaaaaaaact aaggcagaag gctttggaag agttagaaga atttgaagg 300

<210> 650
 <211> 498
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 650
 ngtnctgnta aacagaaggg tacaangccc ttctggcttt aagcagtcac aggaatgtga 60
 cagacattcc tcttagggag cgcctcctcc taggggttcc tcatctgtct cacactgagt 120
 ggatgtaatg ctattttaat cctgctgtgg cccccaatac tagtacttgt ccataccttc 180
 ttgcattttt agcgtctgct ctgtgggggtt gttaggccct ggcaactccc ggaactagtg 240
 ctaaaagctgc atctntctct cccctctagg gatcgataaa gtttcaactgc agaaagtctc 300
 cactgcggta tgctgacatc tgccctgaac cttcacccca cagcattaca ggctttaatc 360
 agattctgct ggaaagacac aggctgatcc acgtgacctc ttctgccttc actgggctgg 420
 ggtgatcctt ggtgcctttg tttccacaag gccttttccct gccccctgcc ttgccaaaga 480
 catttaatca gcacacag 498

<210> 651
 <211> 654
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 651
 ctgaggggcc ccaggtttct aaagctctca ggacgagaaa gtaggtccca agataaggag 60
 cctaaagggc ttttttcttt ctgtgtattc cttcttgccc tccaacatgg gtacagtcac 120
 aagagcatgt aacagagaag aaggactana cctaccattt tctggataaa gaattggaaa 180
 gaggatccac aggtaaaccaa aaagtaccag ggaaatggca gagaaggaaa acctcaggag 240
 accaacctca taagtgggtat ttattagngc ctgggctcaa atccaaattg tacatgaata 300
 tgtctgggtc tagatagggt accgaagact ttgaaagtga attttggtat atcattgccc 360
 agattccaga ctggntattg tgtgacacaa catacaggat atatctgaat agtgctcaga 420
 agagtttgaa aatgcaaatg atattaaaat aaagatgaaa aagagaaaagc tggtcagaac 480
 ttgtggacat aacccttctg gatctgtngc ctgattaaaa aatagttgat attctcgaat 540
 gaattaaaac aagatttaga gactgagcat ggtagctnat tcttgtaatc caacnctttg 600
 ggagggcaag gcaanagaat tgcttgcgcc caggagtttt gagaccagct tggg 654

<210> 652
 <211> 293

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

<400> 652
ngtctgttgc actgaggtga ctaaggatac attttgagga agtagctcca agaacatttc 60
cattttcact gtgccttcac atacatctaa tggaaatgaa cagcaccctt catccatcca 120
cggaagcgat taagaaaagg gtgggatgga aaaattaacc caacaatatt agatcaatac 180
gtagtattta agngtccata atgtgccagg ctgaagatgc acgggaaaac cacactagcc 240
ggtctgtcaa gggcttgaga ataccataaa caagaaaaca gacgaaccaa ttt 293

<210> 653
<211> 294
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 653
ngtccaccac tgcagcccta catacagttg aaaaaaaatt ccattctggt aacatttggt 60
ttataagttt tcacgcaata cacaaaaaac ccctctgcac ttcttgtaaa gaacaaaaaa 120
gatacacaac agttaagcgt aaagatcaca ggcaatagca ttcaaactat gatgtgggta 180
gagaaaggag tacctggcat gagtacctgc ttagtttgac tgaatccttg atttttaatt 240
tggcttttca tgggcccgtc acaacaccaa cgctgtgtga ggtatggtag tcag 294

<210> 654
<211> 250
<212> DNA
<213> Homo sapien

<400> 654
ctgtccttga acaagtatca atgtgtttat gaaaggaaga tctaaatcag acaggagttg 60
gtctacatag tagtaatcca ttgttggaat ggaacccttg ctatagtagt gacaaagtga 120
aaggaaattt aggaggcata ggccatttca ggcagcataa gtaatctcct gtcctttggc 180
agaagctcct ttagattggg atagattcca aataaagaat ctagaaatag gagaagattt 240
aattatgagg 250

<210> 655
<211> 494
<212> DNA
<213> Homo sapien

<400> 655
ccattataat tttataacac cattaccctt taaattctac cgattataag cagcgtaaaa 60
gtaactatat aaagcaaaca tcgcaaagga actctgcagg agctcttaat tcctttatgt 120
agctatcata aaattcactt tcctgaagac atttactctc attcacttcc aaactccaaa 180
cctttttctg gtagcaccac ttttgttttt aatagaaaaga tgagttcata tctgtacatc 240

```
<210> 656
<211> 477
<212> DNA
<213> Homo sapien
```

```
<210> 657
<211> 576
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G
```

```
<210> 658
<211> 344
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G
```

```

cctgaaaaga aagntgctct tatggactct tgcattgttaa gactatgtct tcacatcatg      60
gtgcaaatca catgtaccca atgactccgg ctttgacaca acaccttacc atcatcatgc      120
catgatggct tccacaaagc attaaacctg gtaaccagag attactgggtg gctccagcgt      180
tgttagatgt tcatgaaatg tgaccacctc tcaatcacct ttgagggcta aagagtagca      240
catcaaaagg actccaaaat cccataccca actcttaaga gatttgtcct ggtacttcag      300
aaagaatttt catgagtgtt cttaattggc tggaaaagca ccag                          344

```

```

<210> 659
<211> 230
<212> DNA
<213> Homo sapien

```

```

<400> 659
ctgctttccc tgctaaacag ttccagagca aaagcagcaa aaagaaaata tgggagggat      60
atgggcaacg tatactcgaa cgtacgcaga gaagagagta cggttagctc taatatttct      120
cattgaactt ggtgggtatgt gccttcocctg catataaggc catagtgtct ttttgggagc      180
gctagaatat ccatccactt gacagtgcac acaaaatagg ctgtttccag                    230

```

```

<210> 660
<211> 80
<212> DNA
<213> Homo sapien

```

```

<400> 660
ctggctccttg ttaaactcga tcaccacttt ggagagatcg actggaggct cctgggtgtt      60
ctgagggggcc tgggggacag                                         80

```

```

<210> 661
<211> 535
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

```

```

<400> 661
ctgaaccata tctgattaac tcttttgtct ctgttattgg aacaaaaccg acgctatgcc      60
tgcagccgcc agactgcaac caaaaacaca gtttggggtc agaagacatt aaaaatcaca      120
ataaaatagg atgaatgttc taagtcacgc aactgaatca aggcaccttt tttttcaca      180
agcaaaaagt tgtttaacaa tattccagaa tagtagatac ttcaaaaacc agattacagt      240
atatatcatt ttgctgcaca ttttagtcta ttttctgtat acatagtcac acattcttta      300
ccctctccca acttatacat gctttatccc ccagtcctg tgctatgtag gtataaaaaa      360
ataaagtgtg atctaaacaa gtgattttaa aaaaaaaact aacgaatgcc ncnatnataa      420
cnctgaactt gtttccctnt tgaaggacat tggaaatgtt accgaggttn ntttacctng      480
gccgcaaccn cnctangggc naattccagc nactggggg ccgttactag gggat                    535

```

```

<210> 662
<211> 257
<212> DNA
<213> Homo sapien

```

```

<400> 662

```

```

cctgactaaa gcacatatca cactccctac acttccatgt tttctctccc atgtggaccc      60
tctgatgcat atcaagattc aagegcctgt tgtagccctt cccacagtcc tcacatttgt      120
atggcttttc tacactgtga actttttctt gcactttaga gaatgaattc tgtacaatgt      180
tcttcccatg ctgctcacat ttgagagggt tttctctgct gtggcgtctc tgatgggtca      240
gacgagttga ggaccag                                     257

```

```

<210> 663
<211> 516
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

```

```

<400> 663
ccaattatag gtatttttatt ttttaaagat tagagngttc ttgaagctct ttctatttct      60
ttgtcaatga actaaacatt ggcaaatatg tagggtttcc cacataagaa cattattaac      120
atcaaaatag aaagctggtg gtagaaataa tgattgggaa cacagagtct ctactcagcg      180
ttctacttct gccataccat aactttgtga tctcacgaaa tatctctcca tgttctcatc      240
cctatgtata gttctgtcat ttttcaataa gagctttttg cttaattatg aagtactagt      300
tactataacc attattttga gcttcatgta aatcaagaac acatggactc cacttgcaaa      360
acattgaaaa tgtagttagg gattggggggc aaaaagcaac atttttaaagac gtgtaaagac      420
aatgagtaag caacaaagtg tccaattttt taggcgaaaag ttgcatatgt caggaaaagg      480
caggattaag taatagagaa tttgaatgat aactgg                                     516

```

```

<210> 664
<211> 212
<212> DNA
<213> Homo sapien

```

```

<400> 664
gtccgaggag gttagtgttg gcaataaaaa tgattaagga tactagtata agagatcagg      60
ttcgtccttt agtggtgtgt atggctatca tttgttttga ggtagtttg attagtcatt      120
gttgggtggt aattagtcgg ttgttgatga gatatttgga ggtgggggac aatagagggg      180
gaaatagaat gatcagtact gcggcgggta gg                                     212

```

```

<210> 665
<211> 408
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

```

```

<400> 665
atccaggggt ncccggtngc tgcngggaaa cctccagcct tgttcttcaa accactcagc      60
tcattgtgtt tgcgctgact agtactgaat aatacaacca ctcttattta atgtagtat      120
tatttatttg acaactcagt gtctaacagc ttgatatgca ggctccttgca tcctacattt      180
cttttaggaag ttaccattt gtaactttta aaacaggaaa aatatcagtt ggcaaatgca      240
atcttttttt tttttaagct aaaggggggn naacngnaan naaaatnttt ntgangtngg      300

```

gtctataagc acccttgang ggatntgtta aaagngncat naanggggga ttctcntttt 360
gcaaaaaaat ntaannatca atttatanan ctttattttt nactttnt 408

<210> 666
<211> 635
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(635)
<223> n = A,T,C or G

<400> 666
ctgaagnaca agggctcaggc aaaaataaga tcacaatcac caatgaccag aatcgctga 60
cacctgaaga aatcgaaagg atggttaatg atgctgagaa gtttgctgag gaagacaaaa 120
agctcaagga gcgcattgat actagaaatg agttggaaag ctatgcctat tctctaaaga 180
atcagattgg agataaagaa aagctgggag gtaaaccttc ctctgaagat aaggagacca 240
tggaaaaagc tgtagaagaa aagattgaat ggctggaaag ccaccaagat gctgacattg 300
aagacttcaa agctaagaag aaggaactgg aagaaattgt tcaaccaatt atcagcaaac 360
tctatggaag tgcaggccct cccccaactg gtgaagagga tacagcagaa aaagatgagt 420
tgtagacact gatctgctag tgctgtaata ttgtaaatac tggactcagg aacttttggt 480
aggaaaaaat tgaaagaact tancctctcga atgtcattgg aatcttcacc tcacagtggg 540
gttgaaactg ctatagccta agcnggctgt ttactgnttt ncattagcag gtgctcacca 600
tgtctttggg gtggnggggg ggagaaagaa agaan 635

<210> 667
<211> 388
<212> DNA
<213> Homo sapien

<400> 667
gaagggtgata taaaatgact gtcattcattt ggagtgtgca gtacagttac ttcattgttcc 60
tcagggttag aacaatttcc cctgtaagtt ctcacacaga taggcagaaa tcataactaa 120
ttttgggttaa tcactatggc agccgttgaa gaatttaaga gaacctgcca gtaagatttg 180
gaataagatt ctatattatt gcatccacag aaaagaatgt actgatatac tataaactct 240
aggagaaaac ttaattgaaa tagtggttatt aagtgttgaa agtaccataa aaatataagg 300
gaaaataagc tttcctagaa tttttcagtg ttctagtttt taaacagtga tgttttttat 360
taacctattt catccattca aagacagg 388

<210> 668
<211> 498
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 668
tgatcttaac aaaattcgtg gcagtggaaac cttgaaatgc atgtggctag atttatgcta 60
aaatgattct cagtttagcat tttagtaaca cttcaaaggt ttttttttgt ttgttttcta 120
gacttaataa aagcttagga ttaattagaa gaagcaatct agttaaatct cccatttgta 180

ttttattttc	ttgaataactt	ttttcatagt	tattcgttta	aaaagattta	aaaatcattg	240
cactttgggc	agaaaaataa	taaatatatc	ttatgaatgt	ttgattccct	tccttgctat	300
ttttattcag	tagatttttg	tttggcatca	tgttgaagca	ccgaaagata	aatgattttt	360
aaaaggctat	agagtccaaa	ggaatgttct	tttacaccaa	ttcttccttt	aaaaatntct	420
gaggaatttg	ttttgcctt	actttttttt	cttctgtcac	aatgctaagn	ggtatccgag	480
gtntttaata	tgagattt					498

<210> 669
 <211> 622
 <212> DNA
 <213> Homo sapien

<400> 669						
ccttagccaa	agaatgcagt	ggagccttcc	cccttcaact	gcattgtgaa	tgaataccaa	60
ttaacagcat	aaaaattaat	agtcccatat	cagatctgga	aggggtttct	ggggctgtct	120
gatgtcccta	tctgtttgta	gtgaacacaa	tagcagaaaa	ttctttctgg	gtccatctgc	180
tataaagtct	tggtaaaaca	gcattactat	gaagaggatg	aactcaccta	ccttcagatg	240
gaggaaaagt	gaaaaggact	taggctttag	tcctccatga	cttttcttaa	gcactaccta	300
cctgtaataa	gctgagtgca	aaaggatgcc	gaagaaaatc	tgaccccgag	agctgttaga	360
aagcactgca	gagaacaggg	tatgaagaaa	ataaagagtt	cttaataaac	ccttaagatt	420
ctttgttcaa	ggtaaccttg	ccaaaagggc	agagtaggtg	gcaaagagtt	gcttttaatc	480
tagctctaca	ctgcatttga	aaataaaaatt	tgcccatattt	gaatatattg	tttataatta	540
aatgtgcttt	ttacactgca	ggtcaatata	aaaactgggt	agtaaatttc	cagcgagcat	600
ttatgttcat	ttgctcacag	ca				622

<210> 670
 <211> 477
 <212> DNA
 <213> Homo sapien

<400> 670						
ttgggccctc	tagatgcattg	ctcgagcggc	cgccagtgtg	atggatatct	gcagaattcg	60
cccttgccgc	ccgggcaggt	gatggatgag	gagcaaaaaac	tttatagcga	tgatgaagat	120
gatatctaca	aggctaataa	cattgcctat	gaagatgtgg	tcggggggaga	agactggaac	180
ccagtagagg	agaaaataga	gagtcaaacc	caggaagagg	tgagagacag	caaagagaat	240
atagaaaaaa	atgaacaaat	caacgatgag	atgaaacgct	cagggcagct	tggcatccag	300
gaagaagatc	ttcggaaaga	gagtaaagac	caactctcag	atgatgtctc	caaagtaatt	360
gcctatttga	aaaggttagt	aaatgctgca	ggaagtggga	ggttacagaa	tgggcaaaat	420
ggggaaaagg	ccaccaggct	ttttgagaaa	cctcttgatt	ctcagtctat	ttatcag	477

<210> 671
 <211> 127
 <212> DNA
 <213> Homo sapien

<400> 671						
gtgtgtgtgt	ctacttgggc	gtgtttaacg	tgtgcgtttg	tgtctgcgtg	tgcatgtgtc	60
tgtgtgtgcg	cgtgtatttc	agtttgggtt	gccggatccc	atatgattgc	gtgcctgtgt	120
acctgag						127

<210> 672
 <211> 400
 <212> DNA
 <213> Homo sapien

<400> 672

$\langle 211 \rangle$ 600

<213> Homo sapien

<221> misc feature

<223> n = A, T, C or G

<400> 673

<211> 140

<213> Homo sapien

<400> 674

<211> 245

<213> Homo sapien

<400> 675

gtggt tgggt

attaa qqat

tggttt tgag

tattttt ggaggg

5555 3343

```
<220>
<221> misc_feature
<222> (1) ... (621)
<223> n = A,T,C or G
```

```
<210> 677
<211> 210
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G
```

```
<210> 678
<211> 383
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(383)  
<223> n = A,T,C or G
```

<400> 678						
gtaggagtc	ggtagttagg	gttaacgagg	gtggtaagga	tggggggaat	tagggaagtc	60
aggggttagg	tggttatagt	agtgtncatg	gttattagga	aaatgagtag	atatattgann	120
aactgattaa	tgtttgggnn	tgagtttnta	tatcacagcc	anaattntat	gatgnaccat	180
gtancgaaca	atgctacagg	gatgaatatt	atggagaagt	antctanttt	gaagcttagg	240

gagagctggg ttgtttgggt tgnnggetcan tgtcagttcc anataataac ttcttgggtct 300
 aggcacatga atattgttgt ggggaanaga ctgataataa aggtggatgc gacaatggat 360
 ttacataat gggggtatna gtt 383

<210> 679
 <211> 371
 <212> DNA
 <213> Homo sapien

<400> 679
 aaaatgaaaa tattgacaag agtttcagat agaaaatgaa aaacaagcta agacaagtat 60
 tggagaagta tagaagatag aaaaatataa agccaaaaat tggataaaat agcactgaaa 120
 aaatgaggaa attattggta accaatttat tttaaaagcc catcaattta atttctgggtg 180
 gtgcagaagt tagaaggtaa agcttgagaa gatgaggggtg tttacgtaga ccagaaccaa 240
 tttagaagaa tacttgaagc tagaagggga agttgggttaa aaatcacatc aaaaagctac 300
 taaaaggact ggtgtaattt aaaaaaaact aaggcagaag gcttttggaa gagttagaag 360
 aatttggaag g 371

<210> 680
 <211> 176
 <212> DNA
 <213> Homo sapien

<400> 680
 cctaggattg tgggggcaat gaatgaagcg aacagatttt cgttcatttt ggttctcagg 60
 gtttggtata attttttatt tttatgggct ttggtgaggg aggtaagtgg tagtttgtgt 120
 ttaatatatt tagttgggtg atgaggaata gtgtaaggag tatgggggta attatg 176

<210> 681
 <211> 152
 <212> DNA
 <213> Homo sapien

<400> 681
 ctggagatgg atatgagact agtcaagatg tgaatgctaa ttggagagaa atataatttt 60
 aggaagatgc acattgatgt ggggttttga tgtgtctgat tttgactact caagctctgt 120
 ttacagaaga aaattgaatg gcgaggggtg gg 152

<210> 682
 <211> 141
 <212> DNA
 <213> Homo sapien

<400> 682
 ccagtgcttg cttgccgtgg tttagtgatt ggggtgttaga aataaaaaact caggtctatt 60
 tcttaccagt cagtaacaat ttttagagaa tgtacttgggt atataatata tggacttcag 120
 gaactttgtt ggggtggggg g 141

<210> 683
 <211> 308
 <212> DNA
 <213> Homo sapien

<400> 683

```
<210> 684
<211> 277
<212> DNA
<213> Homo sapien
```

```
<210> 685
<211> 457
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1) ... (457)
<223> n = A,T,C or G
```

```
<210> 686
<211> 234
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G
```

<400> 686						
ntggattttat	aaaatagttg	caatgacaaa	agaagtatgt	tttgacagta	aaaaaaaagac	60
attattggaca	aaatatgcaa	aatgtgcaaa	gaaaaaataa	atttgcatta	gaaagggtggg	120
cattttgatct	ctgagccctg	tgccatgtaa	cattgccatg	ttcttttact	gttggttgaa	180
tqtttqacc	caqcccttga	ctctggactt	aaggcaagct	atgactggct	ttgg	234

<210> 687
 <211> 315
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 687
 nngtctgtga aaaactcttt ggatgattct gccaaaaagg tacttctgga aaaatacaaa 60
 tatgtggaga attttgggtct aattgatggg cgcctcacca tctgtacaat ctctgtttc 120
 tttgccatag tggctttgat ttgggattat atgcaccctt ttccagagtc caaaccggt 180
 ttggctttgn gtgtcatatc ctattttgtg atgatgggga ttctgaccat ttatacctca 240
 tataaggaga agagcatctt tctcgtggcc cacaggaaag atcctacagg aatggatcct 300
 gatgatattt ggcag 315

<210> 688
 <211> 522
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(522)
 <223> n = A,T,C or G

<400> 688
 ctgaattaga ggaggagaaa agaagccatt nnggagtact ttaattgttt agatgtgaga 60
 ggctgaatgt ttgggttaag atgttagttg tcagaatcat gagaaaagg ttttaagcaag 120
 gggcatttct aattctaaaa ataacaacta ctgttattta ttgagcacta tctttttgtt 180
 ggggtactgtc taaagtactt gatatttttt ttaaaacctt acaaaaaact tacaaggtag 240
 gtactgaaag attcagtaat ttgttcaaag tcacacagca aataagcaac agactctgga 300
 tttgaaccag gcaatcctag agcctgtact gttagtaatt atacttttagc acctgtcaag 360
 aattcctgtt gagtgtcaag aagcaancac caagttagga tttaaagcaa acatgattga 420
 agaatactgt ggtgtggttg acagtagtgc ctaagtctgt tttcagagtg aaaaatgaca 480
 aattagattt taagtatggt ttggagataa tatcaggaca gt 522

<210> 689
 <211> 158
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 689
 tctcaactta ntntnatacc cacaccacc caanaacagg gtttgtagg nattgtttgc 60
 attaataaat taaagctcca tagggtcttc tegtcttgc gtgtcatgcc cgcctcttca 120
 cgggcaggtc aatttcactg gttaaaagta agagacag 158

<210> 690
 <211> 300
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 690
 tagaactcgt atttttaaac ttctattctc tanccttttc cactacatta tgacacaaga 60
 ccctgcagaa agtcgtctgg aaaatatcag accatctctt acttgtecca tccaatctta 120
 catcgaatta tatgcaccct taaaaagtta tttggagttt taaaaaactc tattagccca 180
 aattacctga aataaactcc tggcttggtc ccctaagtgt tataaaaaat tgattgaaaa 240
 tattcatttt aaaaatgaag ntcttgaatt tatttaaatt actgtcttgc agtgagttgg 300

<210> 691
 <211> 305
 <212> DNA
 <213> Homo sapien

<400> 691
 ctgttcagaa agctcattgg acctgggtttt gaaaataaaa caaagttaaa accctggggag 60
 gagttattgt gcagtgtgga gtactcaggc tttcttataa agaaaaaaaa agttatctgg 120
 taccaaagtg tgcaacctac agaccctcag gtactgccct gtgacttctc tgtatgacat 180
 cacaaggctg ccaagtgcct gtttttctag aactaggagt tgggtgaggtt tggctagtgc 240
 tgaaacctatg cataggattg gtttactaaa ttaaaacctt attacgtacg tcctccaaaa 300
 gacag 305

<210> 692
 <211> 582
 <212> DNA
 <213> Homo sapien

<400> 692
 caggaaatgg ataaccattt taactgtatt ttttgcagcc cgtaccttct tgggaataca 60
 attgtctaac tttttatttt tggctctggc gttgtggtgt gcaaaactcc gtacattgct 120
 attttgccac actgcaacac cttacagatg tgggaagatgt gaaatttgct atcaattatg 180
 actaccctaa ctctcagag gattatattc atcgaattgg aagaactgct cgcagtacca 240
 aaacaggcac agcatacact ttctttacac ctaataacat aaagcagggtg agcgacctta 300
 tctctgtgct tcgtgaagct aatcaagcaa ttaatcccaa gttgcttcag ttggtcgaag 360
 acagagggtg aggttaaggat gactgatagg aaatggttgt agttacgagt cacatcggtg 420
 tctacaaatc catttaaatg gtattggagg gtgagtaaaa ccttgaatgt gaaaacttaa 480
 gctgaaaaat tgtaaaaaaca tttcacgcct accatgaata gatctgtttc tttctgtcca 540
 caatgatttg tgtcatagac ataattgatc aatttgcaat tg 582

<210> 693
 <211> 275
 <212> DNA
 <213> Homo sapien

<400> 693

006730 "E.95T.950

```
<210> 694
<211> 397
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G
```

```
<210> 695
<211> 609
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G
```

```
<210> 696
<211> 300
<212> DNA
<213> Homo sapien
```

<400> 696

ctgcaaaata	agcgtgctaa	attaaattgt	cttaagggtt	ttccacttca	ttttgtgact	60
ttgtgtgggt	cgaatttctc	agtattttta	ccagtgtggt	gatgttaaag	tcaaaggctg	120
cagtatgtct	atattcttgc	tgtactcatt	ggtagtttca	gtatatgtaa	tgtgagttta	180
aatagtgaaa	ttgtatctca	tattaacatt	tcaaatgctc	atattgaaaa	tggaaaatag	240
taaacacggg	aattgatttt	attctggttg	tctataatac	ttcattttta	atgtaaattg	300

<210> 697
 <211> 391
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

nngtcatgtn	tgatgnatct	gancagggtg	ctccacaggt	agctctagga	gggctggcaa	60
cttagagggtg	gggagcagag	aattctctta	tccaacatca	acatcttggt	cagatttgaa	120
ctcttcaatc	tcttgcactc	aaagcttggt	aagatagtta	agcgtgcata	agttaacttc	180
caatttacat	actctgctta	gaatttgggg	gaaaatttag	aaatataatt	gacaggatta	240
ttggaaattt	gttataatga	atgaaacatt	ttgtcatata	agattcatat	ttacttctta	300
tacatttgat	aaagnaaggc	atggttgtgg	ttaatctggt	ttatTTTTgn	tccacaagtt	360
aaataaatca	taaaacttga	acaaaaaaaa	a			391

<210> 698
 <211> 536
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

ctgagcatatc	agcaataaaa	ataacataat	ttttatgtgt	acaatattta	tggaatacgt	60
tactggaaca	gataaataat	ttagttaata	acatgacaaa	gaacagaaat	tgtatacact	120
atacagcata	gtaatagaat	aatgaatgat	taaagttatt	aatattaggt	agaaaatgaa	180
gggtatcttt	gagagcagaa	ctcaagggaag	caagcaattt	gccttatgag	gaaagagtta	240
cctgtggata	aaggagaaac	tgaaaaattt	acaagtcaag	actttttgag	caaagacaaa	300
aatatgacta	tgagtcacca	attcagtaca	gtgaaaaaaa	agttgaagag	atatcttgga	360
agtaaaccat	gttgtggaag	agcagggttt	tgataatcat	gggattattc	tgaatgaatt	420
ttaaattgca	taggaatata	tgagataatt	tcaccagaga	ataatatgat	catgtttgca	480
tttcaaaggg	gtgtatctgg	tgactgngt	agaataaata	ggntatgtga	gcaagt	536

<210> 699
 <211> 419
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(419)

<400> 699

<210> 700

<211> 336

<212> DNA

<213> Homo sapien

<400> 700

ccacttattg	tccctaaaaa	tccatactga	tacatggaca	gtaagtgtgt	tttcagatgg	60
agtaccagca	ccgaaaatgg	gttgagggag	gatgggttgt	atgtatgttt	ctgccacta	120
attttgagca	gccataattat	gaattaaatc	gtcacagcca	agtaataacc	caagaatggg	180
atgagtttca	tgtgtaatag	ctcaaatgga	ataagcatga	atgctggagt	ggaccattat	240
cctcaaatat	tctatgtcac	ttctcattta	aagactcttg	ttatgaacta	ttagaaactt	300
taggcaaaat	caaaagtatt	tgcggcaaaa	taaagg			336

<210> 701

<211> 418

<212> DNA

<213> Homo sapien

<400> 701

ccatgtgatg	atggtgacaa	cccctgaaga	gcctcagtc	attgtttcac	gtttaagaac	60
taggaatacc	aggactgatg	caattctact	gggtcactat	cgcttgtcac	aagacacaga	120
caatcagacc	aaagtatttg	ctgtaataac	taagaaaaaa	gaagaaaaac	cacttgacta	180
taaatacaga	tattttctgt	gtgtccctgt	acaagaagca	gatcagagtt	ttcatgtggg	240
gctacagcta	tgttccagtg	gtcaccagag	gttcaacaaa	ctcatctgga	tacatcattc	300
ttgtcacatt	acttacaagt	caactgggtga	gactgcagtc	agtgtttttg	agattgacaa	360
gatgtacacc	cccttgttct	tcgccagagt	aaggagctac	acagctttct	cagaaagg	418

<210> 702

<211> 261

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (261)$

<223> n = A, T, C or G

<400> 702

gggcctgttg	tgggggtggg	ggaagcaggg	aggggaacag	ctaaataggt	tgctgttgat	60
ttggttaaaa	aatagtaggg	ggatgatgct	aataattagg	ctgngggtag	ttgtgttgat	120
tcaaattatg	tgttttttgg	agagtcattg	cagtggtaga	aatataattg	ttgggacnat	180
tagnttttag	attggagtag	gtttagggtt	tgtacgtagt	ctaggccata	tgtgttggan	240
attgaqacta	gtagggctag	g				261

<210> 703
 <211> 261
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 703
 gggcctgttg tgggggtggg ggaagcaggg aggggaacan ctaaataagg tgcgtgtgat 60
 ttggttaaaa aatagtaggg ggatgatgct aataattagg ctgnggggtgg ttgtgttgat 120
 tcaaattatg tgttttttgg agagtcatgt cagtggtagt aatataattg ttgggacnat 180
 tagnttttagc attggagtag gtttaggtta tgtacgtagn ctaggccata tgtgttggag 240
 attganacta gtagggctag g 261

<210> 704
 <211> 381
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 704
 ngntntgaatt ctattaaaga taaaaagagg agctgggtacc atttcttctg aaactattac 60
 aaacaactga aaagggtggaa tttctcccta attcatttta ggaggccagc attatactga 120
 taccaaaacc tggcagaggt acaataataa aaggaaaactt caagtcagta tcaactgatga 180
 acaccaatgt gaaaatcctc aataaaaatac tggcaaactg aattcagcag cacatcaaaa 240
 agctaatcca ccacaatcaa gtcagcttca tccctgcgat gcaagtctgg tccaacatat 300
 gcaaataaat aaatacaatt catcagataa acagagctaa agacaaaatt cacatgattt 360
 tctcaataga tgcagaaaag g 381

<210> 705
 <211> 477
 <212> DNA
 <213> Homo sapien

<400> 705
 ctgaaccctc gtggagccat tcatacaggt ccctaattaa ggaacaagtg attatgctac 60
 ctttgcacgg ttaggggtacc gcggccgtta aacatgtgtc actgggcagg cggtgcctct 120
 aatactggtg atgctagagg tgatgttttt ggtaaacagg cggggtaaga tttgccgagt 180
 tccttttact ttttttaacc tttccttatg agcatgcctg tgttgggttg acagtgaggg 240
 taataatgac ttgttgggtga ttgtagatat tgggctgtta attgtcagtt cagtgtttta 300
 atctgacgca ggcttatgag gaggagaatg ttttcatggt acttatacta acattagttc 360
 ttctataggg tgatagattg gtccaattgg gtgtgaggag ttcagttata tgtttgggat 420
 ttttttaggta gtgggtgttg agcttgaacg ctttcttaat tgggtggctgc ttttagg 477

<210> 706
 <211> 266

<212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 706
 ccatggctag gtttatagat agttgggtgg ttggtgtaaa tgagtgaggc aggagtccga 60
 ggaggtagt tgtggcaata aaaatgatta aggatactan tataagagat caggntcgtc 120
 ctttagtggt gtgtatggct atcatttggt ttgaggntag ttgattagt cattgttggg 180
 tggtaattag tcggttggtg atgagatatt tggaggtggg gatcaataga gggggaaata 240
 gaatgatcag tactgcggcg ggtagg 266

<210> 707
 <211> 358
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 707
 ccatcagaga aatgcaaatac aaaaccacaa tgagatacca tctcacacca gttagaatgg 60
 caatcattaa aaagtcagga aacaacaggt gctggagagg atgtggagaa ataggaacac 120
 ttttacaccg ntgggtgggac tgtaaaactag ttcaaccatt gtggaagtca gtgtggcgat 180
 tcctcaagga tctagaacta gaaataccat ttgaccagc cggccaatat tcaacattct 240
 taaaggaaaag aattttcaac ccagaatttc atatccagcc aaactaagct tcgtagtga 300
 aggagaaata aaatacttta cagacaagca aatactgaga gattttgtca ccaccagg 358

<210> 708
 <211> 491
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 708
 cctactatgg gngttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaaatt tacaagggga tttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagggt 180
 ttgtcgctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tgggtataat ttttcatctt tcccttgctg tactatatct attgcgccag gtttcaattt 420
 ctatcgcta tactttatctt gggtaaatgg tttggctaag gttgtctggt agtaagggng 480
 gagtgggttt g 491

<210> 709
 <211> 460
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 709
 nggttttttt tgtagagcaa ataatttatg caaaatatgt tacaaaaatct gggatgctaa 60
 atagttgaca caagtactgt gtttgacatt tagtttcatt tgaattagta atagaatttg 120
 ctcccttcaa catttacatc ttttttcttt ctgactttat atattttcaa taaaaatttg 180
 ctccacagtt tttaagntca ttcttcttga atccgntttt acatttgctg ngacaaacct 240
 gcataaaact agattttata gatataactt ctttggaaga gataaaaatt caaaagtttg 300
 acattgcttt canttattct tttcttcatt gttttgattg gccctgtta gattgatgta 360
 ttgccaatct acttttgatg gcatgaatnt aaaatgacaa cataaaaagc ncttctagt 420
 caacagtaat tgaaacttgc agttttccat taaaaaaaaa 460

<210> 710
 <211> 542
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 710
 ctgttacagt gacaagagat aaaaagatag acctgcagaa aaaacaaact caaagaaatg 60
 tgttcagatg taatgtaatt ggagtgaata actgtgggaa aagtggagtt cttcaggctc 120
 ttcttggaag aaacttaatg aggagaaga aaattcgtga agatcataga tcttactatg 180
 cgattaacac tgtttatgta tatggacaag agaaatactt gttgttgcat gatattctcag 240
 aatcggaatt tctaactgaa gctgaaatca tttgngatgt tgtatgcctg gtatataatg 300
 tcagcaatcc caaatccttt gaatactgtg ccaggatttt taagcaaacac tttatggaca 360
 gcagaatacc ttgcttaatc gtagctgcaa agtcagacct gcatgaagtt aaacaagaat 420
 acagtatttc acctactgat ttctgcagga aacacaaaat gcctccacca caagccttca 480
 cttgcaatac tgctgatgcc cccagtnagg atatctttgt taaattgaca acaatggacc 540
 tg 542

<210> 711
 <211> 394
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 711
 caaacccact ccaccttact accagacaac cttagccaaa ccatttacc aaataaagta 60

```

taggcgatag aaattgaaac ctggcgcaat agatatagta ccgcaaggga aagatgaaaa 120
attataacca agcataatat agcaaggact aaccctata ccttctgcat aatgaattaa 180
ctanaaataa ctttgcaagg agagccaaag ctaagacccc cgaaaccaga cgagctacct 240
aagaacagct aaaagagcac acccgtctat gtagcaaaat agtgggaaga tttataggna 300
gaggcgacaa acctaccgag cctgggtgata gctgggtgtc caagatagaa tcttagttca 360
actttaaatt tgccacaga accctctaaa tccc 394

```

```

<210> 712
<211> 552
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (552)
<223> n = A,T,C or G

```

```

<400> 712
gagggtctgta naatgccagg ctcaaatttg tctttataat ttaataccag aaatctttcc 60
cttgtgatgt ttctttcttt ctggattgcc tctatagcag gggatagcgg gggaggataa 120
ggcacatctt tgntgtactg agaaatttga ccacgcagga tgatgtggct gttctcattc 180
atctgcacag agaaaaataa tgataaaata tccctttcct atgtttactg attttatggc 240
tgccataatg gaagcctcct tgactattta atcctttctg tcaactagggt tgcatttttt 300
ttttaattta cctgttagag gtattttaana attttaacta gctanaaata attacattcc 360
aaaggaacac caaggcaaat aaatggtttg taatcagcaa aagaattaca ttagttgttg 420
ntgctactta ttagggggag aactgttttt ttttaaattt aaacaattta ataatctcaa 480
ctgcaaataa ttttagatgc agcaaaggac tatgtagncg ttaatacctc atgttgatat 540
tttcataata tt 552

```

```

<210> 713
<211> 518
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1) ... (518)
<223> n = A,T,C or G

```

```

<400> 713
ccaaaaactg gaagcagctc actaaacaaa cagtggcata cccatagaac tgcatacttc 60
tcagcagtat gaaagaatga gctacttata taagcatcat tgataaacct caaaaaaaaaa 120
atgccacatg aanaaaccca aagggganaa acataaaaac tttatatgtc agtcatataa 180
aattctanaa aatgcaaact aatccatcnt aaaggaaagt aaatcaacag ttgtctggag 240
gaccananag agcaggagga ganagattat taaaggggtt aaagtaaatt tgggagtgcc 300
cttcnntttt taaatnctat gaaaatgaaa gttaaaggcnc atgcatgttg taaactaata 360
gtaacaaaca naatgggttg gagtggggtg ttgtctgggg acatcattac aaaatgtaag 420
ccagtttatn taaattttga aaagaccgtg gactctgata tgactgatna atgttggaag 480
agataagtgt gctgcaaagt ggggaattaa taaaacag 518

```

```

<210> 714
<211> 281
<212> DNA
<213> Homo sapien

```

```
<210> 715
<211> 443
<212> DNA
<213> Homo sapien
```

```
<210> 716
<211> 639
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(639)  
<223> n = A,T,C or G
```

```
<210> 717
<211> 473
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1) ... (473)
```

<400> 717

<210> 718

<211> 207

<212> DNA

<213> Homo sapien

<400> 718

ggtaaatgct	agtataatat	ttaccatctc	acttctagga	atactagtat	atcgctcaca	60
cctcataatcc	tcctactat	gcctagaagg	aataatacta	tcactgttca	ttatagctac	120
tctcataacc	ctcaacaccc	actcctctt	agccaatatt	gtgcctattg	ccatactagt	180
ctttgccgcc	tgcgaagcag	cggtagg				207

<210> 719

<211> 255

<212> DNA

<213> Homo sapien

$\langle 220 \rangle$

<221> misc feature

<222> (1) ... (255)

<223> n = A, T, C or G

<400> 719

cctatattac	ggatcatttc	tctactcaga	aacctgaaac	atcggcatta	tctctctgct	60
tgcaactata	gcaacagcct	tcataggcta	tgtcctcccg	tgaggccaaa	tatcattctg	120
agggggcaca	gtaattacaa	acttactatc	cgccatccca	tacattggga	cagacctagt	180
tcaatgaatc	tgaggaggct	actcagtaga	cagnccacc	ctcacacgat	tctttacctt	240
tcacttcatc	ttgcc					255

<210> 720

<211> 455

<212> DNA

<213> Homo sapien

<220>

<221> misc feature

$\langle 222 \rangle$ (1) ... (455)

<223> n = A, T, C or G

<400> 720

c	a	a	t	g	t	c	g	a		a	a	c	t	t	a	c	a	a	g		a	t	t	t	c	c	t	t	a		a	a	t	t	c	t	c	t	a	a		a	g	a	g	g	c	a	t	t	a		c	t	t	g	c	t	t	t	c	a		60
a	t	t	g	a	c	a	a	a	t		a	g	a	t	t	c	c	c	t	c	t		g	a	c	t	a	g	t	a		t	t	t	c	a	t	a	t	g	a		c	c	t	t	t	t	t	g	t		c	a	t	t	t	t	a	t	g	a		120
a	t	a	t	c	a	t	t	g	a		t	t	t	t	a	a	a	t		g	g	t	g	c	t	a	t	t		g	a	n	a	a	a	a	a	a		a	t	g	t	a	c	a	t	t		a	t	t	c	a	t	a	g	a	t		180			

```

agataagtat caggtctgac cccagtggaa aacaaagcca aacaaaactg aaccacaaaa 240
aaaaaggetg gtgttcacca aaaccaaact tgttcattta gataatttga aaaagctcca 300
tagaaaaggc gtgcagtact aagggaacaa tccatgtgat taatgnttnc attatgttca 360
tgtaanaagc cccttatttt tagccataat tttgcatact gaaaatccaa taatcagaaa 420
agtaattttg ccacattatt tatnaaaaat gttccc 455

```

```

<210> 721
<211> 530
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

```

```

<400> 721
ccagtgcctg ctgccgtggt ttagtgattg ggtgttagaa ataaaaactc aggtctatatt 60
cttaccagtc agtaacaatt tttagagaat gtacttggtg tataatatat ggacttcagg 120
aactttattg gggngggggg ttaattttgc cttaccctgt tcaacttcag atgattaggc 180
ttttgcactt tagaatgaga aacttgtgac gttagtgtgt tcttactagc ttttaatttgt 240
atgtagcaat gaattgtgaa tcttagtgca gtgggttttt ttaaaaaact caaaaagctg 300
ggaattaagt ggtttcagta ataatgctat accgaggtgc ttgcattgta tttcataatt 360
ttgttacaaa ccaaaattat ttttaatgan aacggtcctg ggttcagagg tgtgatgcca 420
gaatgtatatt tcgtactgtt aggcccttgg aacagatacc ggtgctttct tgaaagatga 480
aagaaatgca atgggtgctc ttcattgcaag gttgcaaacc taccaagaat 530

```

```

<210> 722
<211> 242
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

```

```

<400> 722
ccaaggggtca tgatggcagg agtaatcana ggtgntcctg tgttgtgata agggngggaga 60
ggttaaagga gccacttatt agtaatgttg atagtagaat gatggctagg gtgacttcat 120
atgagattgt ttgggctact gctcgcagtg cgccgatcag ggcgtagttt gagtttgatg 180
ctcatcctga tnagaggatt gagtaaacyg ctaggctaga ggtggctaga ataaatagga 240
gg 242

```

```

<210> 723
<211> 472
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

```

<400> 723
 cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gccgttcctc tttggactaa cagttaaatt tacaagggga ttttagagggt tctgtgggca 120
 aatttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtagggt 180
 ttgtgcctc nacctataaa tcttccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggnttcg ggggtcttag ctttggctct ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
 tggttataat ttttcatctt tcccttgcg tactatatct attgcgccag gtttcaattt 420
 ctatcgcta tactttattt gggtaaattg tttggctaen gttgtctggt ag 472

<210> 724
 <211> 292
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 724
 nccaccactg cagccctaca tacagntgaa aaaaaattcc attctgttaa catttgtttt 60
 ataagttttc acncaatata caaaaaaccc ctctgcactt cttgtaaaga acaaaaaaga 120
 tacacaacag ttaagcgtaa agatcacagg caatagcatt caaacatgga tgtgggnaga 180
 gaaaggagta cctggcatga gtacctgctt agttnngactg aatccttgat ttttaatttg 240
 gcttttcatg ggccgntcac aacaccaacg ctgngngagg tatggtagtc ag 292

<210> 725
 <211> 122
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 725
 atagaaagg cataccctaaa atgttactga aaatntaata caaattccaa gattcaccaa 60
 ngaagtaaca aaaacctggc ctgcangngg ncccctatcc cgtggctcca tggntgatgt 120
 gg 122

<210> 726
 <211> 477
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 726
 ctgaaccctc gtggagccat tcatacaggt ccctaattaa ggaacaagtg attatgctac 60

006220 "095156" 095900

```

ctttgcacgg ttaggggtacc gcggccgtta aacatgtgtc actgggcagg cgggtgcctct 120
aatactggtg atgctagagg tgatgttttt ggtaaacagg cggggtaaga ttgcccagat 180
tccttttact ttttttaacc tttccttatg agcatgcctg tgttggttg acagtgaggg 240
taataatgac ttgttggtga ttgtanatat tgggctgtta attgtcagtt cagtgtttta 300
atctgacgca ggcttatgcg gaggagaatg ttttcattgtt acttatacta acattagtct 360
ttctataggg tgatagattg gtccaattgg gtgtgaggag ttcagttata tgtttgggat 420
tttttaggta gtgggtgttg agcttgaacg ctttcttaat tggcggctgc ttttagg 477

```

```

<210> 727
<211> 416
<212> DNA
<213> Homo sapien

```

```

<400> 727
cctgtctttg aatggatgaa atagggttaat aaaaaacatc actgttttaa aactagaaca 60
ctgaaaaatt ctaggaaagc ttattttccc ttatatattt atgggtacttt caacacttaa 120
taacactatt tcaattaagt tttctcctag agtttatagt atatcagtac attcttttct 180
gtggatgcaa taatatagaa tcttattcca aatcttactg gcaggttctc ttaaattctt 240
caacggctgc catagtgatt aacccaaaatt agttatgatt tctgcctatc tgtgtgagaa 300
cttacagggg aaattgttct aaacctgagg aacatgaagt aactgtactg cacactccaa 360
atgatgacag tcattttata tcaccttcaa ttacccaaca gcttttaata gtctgg 416

```

```

<210> 728
<211> 416
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

```

```

<400> 728
cctgtctttg aatggatgaa atagggttaat aaaaaacatc actgttttaa aactagaaca 60
ctgaaaaatt ctaggaaagc ttattttccc ttatatattt atgggtacttt caacacttaa 120
taacactatt tcaattaagt tttctcctag agtttatagt atatcagtac attcttttct 180
gtggatgcaa taatatagaa tcttattcca aatcttactg gcaggttctc ttaaattctt 240
caacggctgc catagtgatt aacccaaaatt agttatgatt tctgcctatc tgtgtgagaa 300
cttacagggg aaattgttct aaacctgagg aacatgaagt aactgtactg cacactccaa 360
atgatgacag tcattttata tcaccttcaa ttacccaaca gcttttaata ntctgg 416

```

```

<210> 729
<211> 564
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(564)
<223> n = A,T,C or G

```

```

<400> 729
ctgtgagtag aggagtcttc ccgagagtag cagttgttga tccaaatgat tgaagccttc 60
aggtaaggga ataactgctg caggaattct ttcttgaaga atttaagctg tttggtaaga 120

```

```

attotgtaac tacatacctt tgaaacacta ttcacattca aataaacgct tgttttctag      180
ccaggcacag gctcaattag tttttcaaac tctagccaag gcagtatttc atttgggaaa      240
tcatgcaaca gaactgctca attcttaact tctcctgctg ttaacattta cacttagact      300
gccagcaaca gttaacttaa attttggtct caagggaaca aaaaaaaatt gcattcagaa      360
tttaatatag ttttttaaaa ctaatttttag cctgtaagnc attatgagca atagtaactt      420
ttatacctcc tcatcttgnc tgataatata ttctatatgc tgncaatctg attatatagt      480
ctatatgcta gaagttgctg attttcattc tgccaccaa aaaaactgtc cttttttttt      540
tatgggggaa aaagggaatt taaa                                           564

```

```

<210> 730
<211> 310
<212> DNA
<213> Homo sapien

```

```

<400> 730
ccatttttat ttctttcttca gagaagtgtt tatttaggtc tgttgcccat ttacaatta      60
ggccatatgt tttcttgctg ttgagttgta tgtgtgtttg tataaatttt gcatattaac      120
cccttatcac acgtatgttt tttaaaataa attttgctta ttaatctttt atcagatgta      180
tgggtttcaa atatattctt ccgatccatg gattctcttt tttgttatga ttgtttcttt      240
gctcttcgga agctttttgt tttgttttgt tatttgtttt accttgatat agtcccattt      300
attgtttttg                                                              310

```

```

<210> 731
<211> 467
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

```

```

<400> 731
ngacaacctt agccaaacca tttacccaaa taaagtatag gcgatagaaa ttgaaacctg      60
gcgcaataga tatagtaccg caagggaag atgaaaaatt ataaccaagc ataataaagc      120
aaggactaac ccctatacct tctgcataat gaattaacta gaaataactt tgcaaggaga      180
gccaaagcta agacccccga aaccagacga gctacctaag aacagctaaa agagcacacc      240
cgtctatgta gcaaaatagn gggaagattt ataggagag gcgacaaaacc taccgagcct      300
ggtgatagct ggttgtccaa gatagaatct tagntcaact ttaaattttg ccacagaacc      360
ctctaaatcc ccttgtaaatt ttaactgnta gnccaaagag gaacagntct ttggacacta      420
ggaaaaaacc ttgtagagag agtaaaaaat ttaacaccca tagtagg                    467

```

```

<210> 732
<211> 492
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

```

```

<400> 732
cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga      60

```

```

getgttctctc tttggactaa cagctaaatt tacaagggga tttagagggg tctgtgggca 120
aatttaaagt tgaactaaga ttctatcttg gacaaccagg tatcaccagg ctcggtaggt 180
ttgtgccttc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
agctgttctt aggtagctcg tctggnttcg ggggtcttag ctttggctct ccttgcaaag 300
ttatttctag ttaattcatt atgcagaagg tataggggtt agncccttgc atattatgct 360
tggnataaat ttttcatctt tcccttgagg tactatatct attgcgccag gtttcaattt 420
ctatgcctta tactttattt gggtaaattg tttggctaag gttgtctggt agtgaggcgg 480
agngggtttg gg 492

```

```

<210> 733
<211> 562
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

```

```

<400> 733
ntgaaatggc aatagcattc actgtcgtat tttgcagtgc tcaggaagtg ggacgttaac 60
tttgaagggtg cttgttttga ttagctctgc taggtttacc tctacaacgt agatttcagc 120
agctatgctg actgacacta cattctagtt ctttaagattt tttttccana tcccccttc 180
cccagctaga catacgtagc atactttcat cttattcagt ctttctgtaa cctgctgctg 240
cttttagtcc tcttcacctc agatcggaat caatggagtg ggcccagagg atacatttta 300
attccagtaa tggtaggtag atttgtctcg ctttctaaaa catctcctca tttcatattt 360
ccactccata ttgattccat aagggaaaat taatgggtgn ttctctcttt agggaggcaa 420
tgcaaagagn gtggacatct tctaactctg aggaacagtn gttgatttcc cttgaaggag 480
cttacatatt gactgtnttt cacaataacc tgnttgcccc agntcaatcc ctcattttta 540
tacttaatgt tggtnctggg ct 562

```

```

<210> 734
<211> 265
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

```

```

<400> 734
nggtccagaa caagagaaat aactgcagaa aacacatatg gttggaaacc atgcgcttgt 60
gactttttct gtagcctatg ggagtgagaa gagtgggtaa cccaagatgt ttttaagact 120
gactggacta agaatggcgt acttatagcc aactacttcc cccctaattg gactgaaggg 180
attcataatg atcacaatta gcattacggt taagtatttt agggttgacg tctaagctca 240
cacttgaaa gttatttatct aatgg 265

```

```

<210> 735
<211> 216
<212> DNA
<213> Homo sapien

```

```

<400> 735

```

atttaatacgc tgctcactgc tcggcacgcg ctgaagctac agttaacaat cagtgcgac 60
 atattaaatg ataaaaaat gctgatggta aacattcata acagcagagt aagattttgg 120
 cagttttgtg tctcggtaac ataactgtaa ccttagatga acacctatcc cttcatgatc 180
 tgactttaga ggcaaggagt ttgtaacatc taatgg 216

<210> 736
 <211> 285
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 736
 ctgaaaggca acntggagac tagttagtct agtcccctca tattataaat tggatatgctg 60
 aggccaggca gtaaatgtct atggagctct ccaatttaag gccagtttga ctccaagggt 120
 agggcttcta gtaaaatttt gtgattaaat tggaaactct aatttatttt tctatgngtt 180
 tttggtacct aatcctcata agcaagccat atttcaaggc tgatcaatga aaacacccaaa 240
 taccaaagct tcctttccct tccaaattta ctgaccctt gtcag 285

<210> 737
 <211> 509
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 737
 agangaagaa gangaagatt aagggaaaag tacatcggtc aagaagagct caacaaaaca 60
 aagcccatct ggaccagaaa tcccgacgat attactaatg aggagtacgg agaattctat 120
 aagagcttga ccaatgactg ggaagatcac ttggcagtga agcatttttc agttgaagga 180
 cagtttgaat tcagagccct tctatttgtc ccacgacgtg ctccttttga tctgtttgaa 240
 aacagaaaga aaaagaacaa catcaaattg tatgtacgca gagttttcat catggataac 300
 tnggaggagc taatccctga atatctgaac ttcattagag ggggtgnaga ctcggaggat 360
 ctccctctaa acatatcccg tgagatgttg caacaaagca aaattttgaa agttatcang 420
 aagaatttgg gtcaaaaaat gcttanaact ctttactgaa ctggcggaag atnaagagaa 480
 ctncagana ttctatgagc agntctctt 509

<210> 738
 <211> 97
 <212> DNA
 <213> Homo sapien

<400> 738
 cagtgaattg aatacgactc ctatagggcg aattggggccc tctagatgca tgctcgagcg 60
 gccgccagtg tgatggatat ctgcagaatt cgccctt 97

<210> 739
 <211> 209

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(209)
<223> n = A,T,C or G

<400> 739
ccgncagtgt gatggatata tgcagaattc gcccttagcg gcccgcccgg gcaggggtcct 60
tatatatagt agcttagttt gaaaaaatgt gaaggacttt cgtaacggaa gtaattcaag 120
atcaagagta attaccaact taatgttttt gcattggact ttgagttaag attatTTTTT 180
aaatcctgag gactagcatt aattgacgg 209

<210> 740
<211> 164
<212> DNA
<213> Homo sapien

<400> 740
ccaagctaata ggggtgacact gtgaatgcaa ctctaatagca gcttggcgta aatgggtccta 60
tgggcactaa ctttcaagtt aacacaaaaca gaggaggtgg tgtgtgggaa tctgggtgcag 120
caaactccca gagtacatca tggggaagtg gaaatggcgc aaat 164

<210> 741
<211> 514
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 741
ccagtcagaa ttgagatgtg ctgtgagtgc aaaatacact caaatctaag acttagtatg 60
gaagaaaaaag aagataaggt gnttcattaa taatctttta tattgattac atgttgaaat 120
gatattttta atatactggg ttacataaac tgttattaag attaattttg cttgtttctt 180
ttttaatatg gctactagaa aattaaaaat tatgtttgtg ttcacattat atttctgttg 240
aacaatgtgg acatagataa tctacagtca ttacattagc cttagaattt agcatcatac 300
ttttaagcac tctggggtac taacttgaac tcccagaaac ccataagcac actctgcata 360
taaattattg caaaattcat tcttatctct ctgaaagata tgcattttta gggtaaaaaag 420
aattcacaaa atattgantc cttaacaaat gtcaattagt atatggagag agctaaagga 480
cttcntgtag actggtncat tggggaaaaa caga 514

<210> 742
<211> 439
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

```
<210> 743
<211> 275
<212> DNA
<213> Homo sapien
```

<400> 743						
cangacgcta	cttccccctat	catagaagag	cttatcacct	ttcatgatca	cgccctcata	60
gtcatttttc	ttatctgctc	cctagtccctg	tatgcccttt	tcctaacact	cacaacaaaa	120
ctaactaata	ctaacatctc	agacgctcag	gaaatagaaa	ccgtctgaac	tatcctgccc	180
gccatcatcc	tagtcctcat	cgccctccca	tccttacgca	tcctttacat	aacagacgag	240
gtcaacgatc	cctcccttac	catcaaatca	attgg			275

```
<210> 744
<211> 295
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(295)  
<223> n = A,T,C or G
```

<400> 744						
ctgtncctttt	aaaaaatctg	gatgtttttt	atttagtgat	tgttcgacaa	ttagctgctt	60
caaaacataa	tgtgcattgc	ttatgaatgc	cttcataata	taatacagat	actctgataa	120
tattacactc	taataaggat	aatgctgaat	tttgaaagga	cacaaaaacat	ctaatgccaa	180
tatatacatg	attagccaac	atctttgcta	tcaagaccac	tcgttttttaa	ataaagatgc	240
aagtgtcagt	tgtgatttat	tgggatgaag	ctaaatcccc	agaatgcagc	agcag	295

```
<210> 745
<211> 477
<212> DNA
<213> Homo sapien
```

```
<220>  
<221> misc_feature  
<222> (1)...(477)  
<223> n = A,T,C or G
```


<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 748
ccanaccagg gaaccaaagt cagacagnga agttctctgc ttcttttggc tataatgnga 60
caagaaaggg atcatctttt gaagatgttt aaagaaataa agcaactttc ttataaaaca 120
gtcaaataat caattaatgg aataaataag tactaaccca cattttaacc actctgtaat 180
cactacactt tacatatatt ttatttnggn ggcaaantcc cccataatta gtctaaaatc 240
caccaatcac ttttaaaagt aaaatgaata gccaccaaaa taagaaaatc ttctgttcac 300
tctttggcta aaaaggaaaa caataaaac aaacaaaaa gaaacagaag acaactgtaa 360
cactggtgat aaaagaaact ttttttttac aagtaaaata aagttatcaa tttaatctt 420
ggncacttta taaaaacaag aggtaatgtt gtaataaaac agcagtagcc tcag 474

<210> 749
<211> 355
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 749
cctgggttna gnggctgact gnaacctcca ctctctgttc tcaggcaatc ctctgcctc 60
agcctcctta gtagctggga ctacaggagt gtgcaacat gcccaactaa tttttgtatt 120
tttaataag acagggtttc accatgttga tcagggttgg ctccaactcc tgacctcagg 180
tgatccacct gtcccagcct cccaaagtgc tgggattaca ggcatgagcc accacgcccg 240
gnccaggata aagtaaaaat ttgtaagcac acaaggccct ttgcaacctg gctcctgggt 300
actactttta ncctcctgcc ctcccaaagt tntcactgt ttttctanac atacc 355

<210> 750
<211> 493
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 750
ccatgctggt ctggaactcc tgaactcagg tgatccaccc gcctcagtct cccaatagat 60
tacatatatt attaataaat tgcttctttt aacaccctat tcattgaatt ttccagtaaa 120
ccacaattac taattactcc tgaaatcaga aaagagggtta aaaagatttt ataacagtat 180
cctatgaaat ctactacttt caagtaatat tagttgaatt accaaaaccc gtcactcaag 240
ccaatgacta caattaagat atgagtaaca tttcctagat aaataaagtc aattaattat 300
atttgcactt gggaaataga gaaagtacat ataagccatg attttgaagn caaaagagag 360
agantatttg ccaaggaggg gtgagttata gtatgtaatt ataacatata gaagcttttt 420

005456.002900

gtatgctggt aactaatttt aatttcctac attnttatgg agattttctgc tattcttctgc 480
ctattttcca cct 493

<210> 751
<211> 364
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 751
cgaggtctgg naaggtcacc aagtctgccc aganagctca gaaggctaaa tgaatattat 60
ccctaatacc tgcaccccca ctcttaatca gtggtggaag aacgggtctca gaactgtttg 120
tttcaattgg ccatttaagt ttagtagtaa aagactgggt aatgataaca atgcacgtga 180
aaaccttcag aaggaaagga gaatgttttg nggaccactt tggttttctt ttttgctgtg 240
ggcagtttta agttattagt ttttaaaatc agtacttttt aatggaaaca acttgaccaa 300
aaatttgtca cagaattttg agaccocatta aaaaagttaa atgagataaa aaaaaaaaaan 360
cntg 364

<210> 752
<211> 498
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 752
ctggattatg ggttggnatt ggtcatatgt tagactccat acaggcatag ctatgatgca 60
gtgaatccct tagaagttac aattctcaaa ttacataactt cctcagatgt aacattagaa 120
ctcaatatatt ctaacaataa cataccagaa aaggctggac tggcaactcat ctgctgacta 180
acttgtagcc tcagtaatat gacatacttg cctttaacaa attatctcaa attaactaac 240
agaccttcag aaaatggaga ttctttttga tggggacata atcaaattta agtctgagaa 300
atatgcttaa cagttggaac tcaaattaaa tgtactgatt ttaaagttaa gacattaaca 360
agtgatanat tagcctcaaa aaaagacaat ttggnaagggn ttaggtcttt taatttggtg 420
cttgntcaca acttgactgg tgcttctttc cttgctgctt cacatcaagc atggggccaa 480
ttctattttc agtaaattg 498

<210> 753
<211> 467
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 753

005250"032900

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nacaacctta gccanaacca tttaacccaaa taaagggata ggcgatagaa attgaaacct      60
ggcgcaatag atatagnacc gcaagggaaa gatgaaaaat tataaccaag cataatatag      120
caaggactaa cccctatacc ttctgcataa tgaattaaact agaaataact ttgcaaggag      180
agccaaaagct aagacccccg aaaccagacg agctatctaa gaacagctaa aagagcacac      240
ccgtctatgt agcaaaatag tgggaagatt tataggtaga ggcgacaaac ctaccgagcc      300
tggtgatagc tggntgncca agatagaatc ttagntcaac tttaaatttg cccacagAAC      360
cctctaaatc cccttgtaaa tttactgtt agtccaaaga ggaacagctc ttggacacna      420
ggaaaaaacc ttgcagagag agtaaaaaat ttaacacca tagtagg      467

```

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<210> 754
<211> 196
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

```

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<400> 754
gtcatgttca agtgttntaa tctgacgcag gcttatgcgg aggagaatgt tttcatgtta      60
cttatactaa cattagttct tctatagggt gatagattgg tccaattggg tgtgaggagt      120
tcagttatat gtttgggatt ttttaggcag tgggtgttga gcttgaacgc tttcttaatt      180
ggtggctgct tttagg      196

```

```

<210> 755
<211> 381
<212> DNA
<213> Homo sapien

```

```

<400> 755
ctggaaagga ttctgtacat ataagacatc aaatattgag ggatactgga actttttaaat      60
taatggggcaa agaaagtcaa caaaggaagt tcatatgaaa tcaaactagt aatatgatta      120
caaaaaaaaaa gtttaaaatt tttcttggcc ccagtcttat catttctgag ccaaatacaa      180
ttctatcgaa atcacctgaa actgaaatca ccattctagg ctggttttcc cataaagatg      240
gactgtcca aaaagaggaa tcaagaaaga atttggctca cagtgaatta ttcactttgt      300
cttagttaac taaaaataaa atctgactgt taactacaga aatcatttca aattctgtgg      360
tgataataaa gtaatgaccg c      381

```

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<210> 756
<211> 341
<212> DNA
<213> Homo sapien

```

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<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

```

```

<400> 756
ggntataaac ctattattta ttgcagaact aataaaaaat ccaaagcctt gtatttgtac      60
atctttatta tctctaaagc actttcctca acctaatttc agtttttaca attggtactc      120
aagaaaatag agacagaaat catttgattt tgcccagaaa ccatctgctt atatttataa      180
ggccacctaa tttgaaatca catatagacc aggcgcggtg gctcacgcct gtaattccaa      240

```

```
<210> 757
<211> 479
<212> DNA
<213> Homo sapien
```

<400> 757

```
<210> 758
<211> 267
<212> DNA
<213> Homo sapien
```

<400> 758

```
<210> 759
<211> 449
<212> DNA
<213> Homo sapien
```

<400> 759

cgaggtcttg	aaatcagcaa	cacacttaca	aatgagaaaa	tgaaaataga	agagtatata	60
aagaaagggg	aagaggatta	tgaagagagt	catcagagag	ctgtggctgc	agaggatatcc	120
gtacttgaaa	actggaagga	gagtgaagtg	tataagctac	agatcatgga	gtcacaaagca	180

gaagcctttc tgaagaagct ggggctgatt agccgtgata ctgcagcata tcccgcacatg 240
 gagtctgata tacgttcatg ggaattgttt ctttctaatag ttacaaaaga aattgagaaa 300
 gcaaagtctc agtttgaaga acaaattaag gcaattaaaa atggttcccg gctcagtga 360
 ctttctaagc ngcagatttc tgagctttca tttcctgcct gtaacacggt tcatcccag 420
 ttactccctg agtcttcagg ccacgatgg 449

<210> 760

<211> 414

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 760

ccatnaactg gaagcagctc actaaacaaa cagnngcata cccatagaac tgcatacttc 60
 tcagcagtat gaaagaatga gctacttata taagcatcat tgataaacct caaaaaaaaa 120
 atgccacatg aagaanccca agggggagaa acataaaaaac tttatatgnc agncatataa 180
 aattctagaa aatgcaaact aatccatcnt aaaggaaagt aaatcancag ttgtctggag 240
 gaccanagag agcaggagga gagagattnt taanggggtt aaagtaaatt ngggagtgcc 300
 cttccatttt taaatnctat gaaaatgaaa gttaaagggc ntgcatgttg taaactaata 360
 gtaacaaaaca gattggggtg gagtgggggtg ttgtctgggg acatcattac aan 414

<210> 761

<211> 428

<212> DNA

<213> Homo sapien

<400> 761

gagcctcact aaaataacag atttcagtat agccaagtgc atcagaaaaga ctcaaattgga 60
 atgattttaca agatagaaca ctttaaacca ggtcagtcct atctttttgt agctgaaggc 120
 tatcagtcac aacacaattt cgcgtacacc tctgtcatt atggaattac acttaaaacg 180
 aatctcaaga ggggtgacat tgttgtttca gataccatcc ctaaggagag tggttaacag 240
 gaagattgcc agtggtactg atggaaagaa gtgtttgttt gtttttttc ttgtcaaaga 300
 cttacaccat agttttaaat taaactgtca ggcattttct cagacagggt ttccttttca 360
 atgcagtaat gaagaactaa gataaaaatc atgacttttg actgccactc aacattatta 420
 catgcacc 428

<210> 762

<211> 574

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 762

caggtctgaa ctgataagta ttaagagacg tttgttgcta gttaagngtt ccagttgaga 60
 gttcgaagtg aaaacctggg ctctttacca gtgttgagtg agaagattta tttctcttcc 120
 ctctgaattt accacatgta acatcacaga gacatgtaga gttccttttag gatttgcgat 180

ttgaaccagn	ccagtctgat	tttcaggtga	attctgtgaa	gagcttgatg	ggggaagtct	240
gaagacagaa	ggaattaggg	aaaaggggtga	tacttacaga	gtaaaggaaa	taaataaaaa	300
gataatggta	tttttggtag	ccacagggaa	atagcaggag	gggactggag	atcacacaca	360
cgcacacgca	cacacacaaa	cacacacaca	cgctaaaact	caaaactaaaa	acctcccaaa	420
ggagctgctt	tgtttgcaga	cttcaattng	aagtagatac	taagggaag	aatagaccag	480
ttaaaattca	cctgaaaatc	tcttcccann	cttcaaattgt	gctaaaatat	cactgtcagc	540
ttagcatctc	tncatgtatg	tatatataga	tgta			574

<210> 763
 <211> 465
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 763						
cctactatgg	gtgttaaaat	tttttactct	ctctacaagg	ntttttccta	gtgtccaaag	60
agctgttcct	ctttggacta	acagttaaat	ttacaagggg	atthagaggg	ttctgngggc	120
aaattttaaag	ttgaactaag	attctatctt	ggacaaccag	ctatcaccag	gctcggtagg	180
tttgctgcct	ctacctataa	atcttcccac	tattttgcta	catagacggg	tgtgctcttt	240
tagctgttct	taggtagctc	gtctgggttc	gggggtctta	gctttggctc	tccttgcaaa	300
gttattttcta	gttaattcat	tatgcagaag	gtataggggt	tagtccttgc	tatattatgc	360
ttggatataa	tttttcatct	ttcccttgcg	gtactatata	tattgcgcca	ngtttcaatt	420
tctatgcct	atactttatt	tgggtaaatg	gtttggtctaa	ggttg		465

<210> 764
 <211> 151
 <212> DNA
 <213> Homo sapien

<400> 764						
ctgtcaatta	atgctagtcc	tcaggattta	aaaaataatc	ttaaactcaa	gtccaatgca	60
aaaacattaa	gttggttaatt	actcttgatc	ttgaattact	tccgttacga	aagtccttca	120
cattttttcaa	actaagctac	tatatttaag	g			151

<210> 765
 <211> 251
 <212> DNA
 <213> Homo sapien

<400> 765						
gaagagctta	tcacctttca	tgatcacgcc	ctcatagtca	ttttccttat	ctgcttccta	60
gtcctgtatg	cccttttccct	aacactcaca	acaaaactaa	ctaatactaa	catctcagac	120
gctcaggaaa	tagtaaccgt	ctgaactatc	ctgcccgcca	tcaccttagt	cctcatcgcc	180
ctcccatccc	tacgcatacct	ttacataaca	gacgaggtca	acgatccctc	ccttaccatc	240
aaatcaattg	g					251

<210> 766
 <211> 375
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 766
 cgaggctctgn cctcctgggt cttcatccat tattaacaga agagcatact ggtttcggtc 60
 cataaaatct ttgggaaggg acaactgtaa aggaagttca tagtcgtcaa tatgaaggat 120
 ttttaatttct ggctttccta tcttcttctt caggatagct tccttcagca tagaattggt 180
 ttccaatata aaatattttg ctgggttggt cgtactatgt aggctgacca ctggggaccct 240
 tggaccttca cagaataata agaaatgttg attcatggga ctaaaaactgg catcaaaaata 300
 tgtacattgt tctttcatga aattacatga aatgcattgg cgattcaata atccttcagt 360
 agaagcactg tacag 375

<210> 767
 <211> 485
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 767
 cgaggctctga accctcgtgg agccattcat acaggctccct aattaaggaa caagtgatta 60
 tgctaccttn gcacgggttag ggtaccgcgg ccggttaaac atgtgtcact gggcaggcgg 120
 tgcctctaata actgggtgatg ctagagggtga tgtttttggn aaacaggcgg ggtaagattt 180
 gccgagttcc ttttactttt ttttaaccttt ccttatgagc atgcctgtgt tgggttgaca 240
 gtgagggtaa taatgacttg ttggtgattg tagatattgg gctgttaatt gtcagttcag 300
 tgttttaatc tgacgcaggc ttatgcggag gagaatgttt tcatgttact tatactaaca 360
 ttagttcttc tataggggtga tagatnggtc caattgggtg tgaggagntc acttatatgt 420
 ttgggatttt ttaggtaagn ggggtgttgag cttgaacgct ttcttaattg ggggctgctt 480
 ttang 485

<210> 768
 <211> 379
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 768
 ctgatattct attaaagata caaagaggag ctggnaccat ttcttctgaa actattacaa 60
 acaactgaaa aggtggaatt tctccctaata tcatttttagg aggccagcat tatactgata 120
 ccaaaacctg gcagagggtac aataataaaa ggaaacttca agtcagtatc actgatgaac 180
 accaatgtga aaatcctcaa taaaatactg gcaaactgaa ttcagcagca catcaaaaag 240
 ctaatccacc acaatcaagt cagcttcac cctgcgatgc aagtctgggt caacatatgc 300
 aaatcaataa atacaattca tcagataaac agagctaaag acaaaattca catgattttc 360
 tcaatagatg cagaaaagg 379

006280 097595

<210> 769
 <211> 518
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 769
 cgagggtccat atgatgatca gtctatatag ttttaaggcgc agatacacaa attttcaaaa 60
 atatgggtag aatatagtc aatagaatgg aatagacaat gctttgaaaa tcaactggagg 120
 gaggctttat tgtttgtgaa aacatgttgt catcactttt tgctttaagc ccttggtggt 180
 gaaataactc aaaccattct tccttatgct gaagatcgag aaccccaagt atcacatcta 240
 ccatcccact catcaatgtg attggtcagt ctttgctgag gncctgcata gccagtttta 300
 aagttagagt tcttgcatat acatatgaaa aggcattgta cttgtgcttt caaagagctt 360
 tttgcttggt gtaaaaagaa aactcaaatt acagtgtgat gtggaatata atggtggttag 420
 tttcatcgag atgatgggaa agaattgata agataaagcn gaaagatgag cagaattttc 480
 agattgggtn tggaaagagc acttaagaaa gaggggtgg 518

<210> 770
 <211> 378
 <212> DNA
 <213> Homo sapien

 <220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 770
 tatgggtcct gagtgtggaa tataagataa caagacaatt cccttgcttt caagggaaat 60
 cacactttat aaaactttga attccttgaaa tgggtttcag aggttccaag gtcaaattca 120
 agaataagag ttaagaagaa aaagactatg agaaaggaag tgntgacccc atttgcattt 180
 aaatggcagg aatagtctca atctactcat tggggaaaaa tgtatgttgc atatttttga 240
 gatattgcaa cttgctctct ctctttgcca cccaccctt tgnatgctc tgtttttggg 300
 ctgaattggc aagaaaaatg gctggagggc tggagaagn tggacccttc ttccttcttc 360
 cttcttcttc ctttctcc 378

<210> 771
 <211> 207
 <212> DNA
 <213> Homo sapien

<400> 771
 cataaatatt atactagcat ttaccatctc acttctagga atactagtat atcgctcaca 60
 cctcatatcc tccctactat gcctagaagg aataatacta tcaactgttca ttatagctac 120
 tctcataacc ctcaacaccc actccctctt agccaatatt gtgcctattg ccatactagt 180
 ctttgccgcc tgcgaagcag cggtagg 207

<210> 772
 <211> 384

<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 772
cctactatgg gtgttaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
gctgttcctc tttggactaa cagttaaatt tacaagggga tttagagggt tctgnngggca 120
aatTTaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggtaggt 180
ttgtcgctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtctc ctttgcaaag 300
ttatttctag ttaattcatt atgcagaagg tataggggtt agtccttgct atattatgct 360
tggttataat ttttcatctt tccc 384

<210> 773
<211> 182
<212> DNA
<213> Homo sapien

<400> 773
cccttttctt aacactcaca acaaaactaa ctaatactaa catctcagac gctcagggaa 60
atagaaaccg tctgaactat cctgccccgc atcatcctag tctcatcgc cctcccatcc 120
ctacgcatcc ttacataac agacgaggtc aacgatccct cccttaccat caaatcaatt 180
gg 182

<210> 774
<211> 191
<212> DNA
<213> Homo sapien

<400> 774
ccatggctag gtttatagat agttgggtgg ttgggtgtaa atgagtgagg caggagtccg 60
aggaggttag ttgtggcaat aaaaatgatt aaggatacta gtataagaga tcaggttcgt 120
cctttagtgt tgtgtatggc tatcatttgt tttgagggtta gtttgattag tcattgttgg 180
gtggtaatta g 191

<210> 775
<211> 192
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 775
ccatggctaa gntatataga tagctgggtg gctggagtaa atgantgagg nacgagtccg 60
angaggttag ttgaggcaat aaaaatgatn aaggatacta gtataagaga tcangttcgt 120
cctttacatg ttngtatgg ctatcatttg ttttgaggct agnttgatta gtcattgttg 180
ggtggaatt aa 192

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<210> 776
 <211> 144
 <212> DNA
 <213> Homo sapien

<400> 776
 ctgacccccct agaaccctgg ctctgccatt agctaggacc taagactctg cccacatddd 60
 ggtctgttct ctcccattac acataggddd gtctcagcat gcaagagddd ttccttdtaaa 120
 aaaaaaaaaa aaaaaaaaaa aaaa 144

<210> 777
 <211> 483
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 777
 cctactatgg gtgntaaatt ttttactctc tctacaaggt tttttcctag tgtccaaaga 60
 gctgttcctc tttggactaa cagttaagtt tacaagggga tttagagggg tctgtgggca 120
 aattttaaagt tgaactaaga ttctatcttg gacaaccagc tatcaccagg ctcggttaggt 180
 ttgtgcctc tacctataaa tcttcccact attttgctac atagacgggt gtgctctttt 240
 agctgttctt aggtagctcg tctggtttcg ggggtcttag ctttggtctc ccttgcaaag 300
 ttatttctag ttaattcatt atgcagaagg tataggggnt aagtccttgc tatattatgc 360
 ttggatataa tttttcatct ttcccttgcg gtactatata tattgcgcca ggtttcaatt 420
 tctgccgcct atactttatt tgggtaaatg gtttggtctaa ngttgctggt agaaggtgga 480
 gtg 483

<210> 778
 <211> 393
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 778
 ctgcattttt attgcgatct gcagatgaac tgggaaaatc tcattttaca acagaactga 60
 gacagacgac caccatattc actgaggtct aaatttgcag tttccactaa tgacattttg 120
 atttcccaac agagatactt ctgggtcttac tgcacagtct ttttaagagaa atacttccat 180
 tatgccacat tgtccttgat ccgtaagtga tgtgttaagg tgcttcaaag gaactctgac 240
 ctctgaagta cttgagctac tttagtatgt ccagcctatt gctttttgtt ttagngngtc 300
 accataaata tcaggggcat aaaaggctat ctattcttaa ttcaaggata aaacagaaga 360
 agcttgtggn ataaaacaat agtcaagatc cag 393

<210> 779
 <211> 277
 <212> DNA

<220>
 <221> misc_feature
 <222> (1)...(497)
 <223> n = A,T,C or G

<400> 782
 cgagggtggct ttaattgatg ttaatgcctt atgtcaaatg taaagttaga atttgctagg 60
 gctgggatat ggagtgatat ttctaggact tagacattga aaactaattc agcctgtagt 120
 aacctggatg gttttcaatg gcatggttag tcaaattcat ggttttaaac ttagaagcag 180
 ctttcggggg agagggtagg ttggagcatt tattacatat ttactgttt aatgtcttaa 240
 ccgtgggcct ttttaattgt aaacactgaa atgattgttg ggctgtggaa aacatttacc 300
 tatttacctt ggaagtttta aaagacagtc cacttttttag catgtgtgtt gcgtccagcc 360
 tglgggtcgtc ttaactaata aatgngattt ttctctcaaa aaaaaaacct ccccgggcgg 420
 ccgctcaagg gcnaattccn cacactggcg gccgttacta ggggatccga nctcgggtcca 480
 agcttggcgt aatcatg 497

<210> 783
 <211> 364
 <212> PRT
 <213> Homo sapien

<400> 783
 Met Trp Gln Pro Leu Phe Phe Lys Trp Leu Leu Ser Cys Cys Pro Gly
 1 5 10 15
 Ser Ser Gln Ile Ala Ala Ala Ala Ser Thr Gln Pro Glu Asp Asp Ile
 20 25 30
 Asn Thr Gln Arg Lys Lys Ser Gln Glu Lys Met Arg Glu Val Thr Asp
 35 40 45
 Ser Pro Gly Arg Pro Arg Glu Leu Thr Ile Pro Gln Thr Ser Ser His
 50 55 60
 Gly Ala Asn Arg Phe Val Pro Lys Ser Lys Ala Leu Glu Ala Val Lys
 65 70 75 80
 Leu Ala Ile Glu Ala Gly Phe His His Ile Asp Ser Ala His Val Tyr
 85 90 95
 Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
 100 105 110
 Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
 115 120 125
 Asn Ser His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Arg Ser Leu
 130 135 140
 Lys Asn Leu Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Phe Pro
 145 150 155 160
 Val Ser Val Lys Pro Gly Glu Glu Val Ile Pro Lys Asp Glu Asn Gly
 165 170 175
 Lys Ile Leu Phe Asp Thr Val Asp Leu Cys Ala Thr Trp Glu Ala Met
 180 185 190
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<212> DNA

<213> Homo sapien

<400> 784

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<212> PRT

<213> Homo sapiens

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Arg Ile Gln Leu Arg Ser Gln Val Leu Gly Arg Glu Met Arg Asp Met
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<210> 787

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<212> PRT

<213> Homo sapiens

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Lys Lys Ala Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Ser Pro

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00651563 0022900

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<210> 788
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 <212> DNA
 <213> Homo sapiens

<400> 788

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<210> 789
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 <212> PRT
 <213> Homo sapien

<400> 789

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20 25 30
 Glu Val Pro Val Asn Phe Ala Glu Phe Ser Lys Lys Cys Ser Glu Arg
 35 40 45
 Trp Lys Thr Met Ser Gly Lys Glu Lys Ser Lys Phe Asp Glu Met Ala
 50 55 60
 Lys Ala Asp Lys Val Arg Tyr Asp Arg Glu Met Lys Asp Tyr Gly Pro
 65 70 75 80
 Ala Lys Gly Gly Lys Lys Lys Lys Asp Pro Asn Ala Pro Lys Arg Pro
 85 90 95
 Pro Ser Gly Phe Phe Leu Phe Cys Ser Glu Phe Arg Pro Lys Ile Lys
 100 105 110
 Ser Thr Asn Pro Gly Ile Ser Ile Gly Asp Val Ala Lys Lys Leu Gly
 115 120 125
 Glu Met Trp Asn Asn Leu Asn Asp Ser Glu Lys Gln Pro Tyr Ile Thr
 130 135 140
 Lys Ala Ala Lys Leu Lys Glu Lys Tyr Glu Lys Asp Val Ala Asp Tyr
 145 150 155 160
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 <211> 457
 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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 20 25 30
 Gln Thr Gln Asn His Thr Ala Ser Pro Arg Ser Pro Val Met Glu Ser
 35 40 45

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Pro Lys Lys Lys Asn Gln Gln Leu Lys Val Gly Ile Leu His Leu Gly
50 55 60

Ser Arg Gln Lys Lys Ile Arg Ile Gln Leu Arg Ser Gln Cys Ala Thr
65 70 75 80

Trp Lys Val Ile Cys Lys Ser Cys Ile Ser Gln Thr Pro Gly Ile Asn
85 90 95

Leu Asp Leu Gly Ser Gly Val Lys Val Lys Ile Ile Pro Lys Glu Glu
100 105 110

His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
115 120 125

<210> 792

<211> 461

<212> DNA

<213> Homo sapiens

<400> 792

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<210> 793

<211> 108

<212> PRT

<213> Homo sapiens

<400> 793

Arg Arg Ser Cys Glu Pro Ala Thr Arg Val Pro Glu Val Trp Ile Leu
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Ser Pro Leu Leu Arg His Gly Gly His Thr Gln Thr Gln Asn His Thr
20 25 30

Ala Ser Pro Arg Ser Pro Val Met Glu Ser Pro Lys Lys Lys Asn Gln
35 40 45

Gln Leu Lys Val Gly Ile Leu His Leu Gly Ser Arg Gln Lys Lys Ile
50 55 60

Arg Ile Gln Leu Arg Ser Gln Val Leu Gly Arg Glu Met Arg Asp Met
65 70 75 80

Glu Gly Asp Leu Gln Glu Leu His Gln Ser Asn Thr Gly Asp Lys Ser

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85

90

95

Gly Phe Gly Phe Arg Arg Gln Gly Glu Asp Asn Thr
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<210> 794
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 <212> DNA
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<210> 795
 <211> 152
 <212> PRT
 <213> Homo sapiens

<400> 795
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 Asn Asn Glu Glu Gln Val Gly Leu Ala Ile Arg Ser Lys Ile Ala Asp
 35 40 45
 Gly Ser Val Lys Arg Glu Asp Ile Phe Tyr Thr Ser Lys Leu Trp Ser
 50 55 60
 Thr Phe His Arg Pro Glu Leu Val Arg Pro Ala Leu Glu Asn Ser Leu
 65 70 75 80
 Lys Lys Ala Gln Leu Asp Tyr Val Asp Leu Tyr Leu Ile His Ser Pro
 85 90 95

006290 006290 006290

Met Ser Leu Lys Pro Gly Glu Glu Leu Ser Pro Thr Asp Glu Asn Gly
100 105 110

Lys Val Ile Phe Asp Ile Val Asp Leu Cys Thr Thr Trp Glu Ala Met
115 120 125

Glu Lys Cys Lys Asp Ala Gly Leu Ala Lys Ser Ile Gly Val Ser Asn
130 135 140

Phe Asn Pro Gln Ala Ala Gly Asp
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<210> 796
<211> 2435
<212> DNA
<213> Homo sapiens

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 35 40 45
 Pro Pro Gly Arg Ala Glu Trp Tyr Gly Pro Ala Gly Val Lys Ala Gly
 50 55 60
 Gly Arg Arg Arg Val Pro Arg Arg Arg Arg Arg Trp Gly Cys Val Gln
 65 70 75 80
 Glu Glu Arg Trp Ala Gly Pro Ala Arg Val Gly Gly Arg Pro Arg Gly
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 Ser Pro Arg Cys Thr Thr Cys Arg
 115 120

<210> 798
 <211> 164
 <212> PRT
 <213> Homo sapiens

<400> 798
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35 40 45
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 65 70 75 80
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 85 90 95
 Arg Ala Glu Arg Arg Arg Ala Gly Arg Gln His Pro Leu Gly Pro His
 100 105 110
 Arg Arg Gly Ala Gln Arg Ala Ala Glu Arg Ala His Pro Ala Ala Ala
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 Gly Pro Gly Arg

<210> 799
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 <212> PRT
 <213> Homo sapiens

<400> 799
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 50 55 60

<210> 800
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 <212> DNA
 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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 cgtacgcaat gtatgaagct gtaattactg accaaaacta tgtgaagtgg agaaaacctg 3660
 gggaagtggg tggttttaga tgaaactgaa gttaaattca tattgattta aagtaaatg 3720
 ttataacttt ataaagtttt tcatcatcac cacagcaatc acaaagagaa taattatgaa 3780
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<210> 808
 <211> 781
 <212> DNA
 <213> Homo sapiens

<400> 808
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 gaagaggaa cagcaggctt cggagggtt gtgtgggtcag tgactcagag tgagaaggcc 180
 ctogaagtgc tcttccctct catgcgggtgc cagcccatg gaccttcttg tctcgtcacg 240
 gccataacta gggagggaagg agggccgagg ctgagggggg ctgaggcgaa gctgggggtgc 300
 tgttgggggt atccgagtc cagaagcacc tgggaacctg acagaagatt ctggactccc 360
 cagacgggac caggagaggg acggcatgag cgacacacac aaacacagaa ccacacagcc 420
 agtcccagga gccagtaaat ggagagcccc aaaaagaaga accagcagct gaaagtgcgg 480
 atcctacacc tgggcagcag acagaagaag atcaggatag agctgagatc ccagtgcgcg 540
 acatggaagg tgatctgcaa gagctgcac agtcaaacac cgggggataaa tctggatttg 600
 ggttccggcg tcaaggtgaa gataatacct aaagagggaac actgtaaaat gccagaagca 660
 ggtgaagagc aaccacaagt ttaaatgaag acaagctgaa acaacgcaag ctgggtttat 720
 attagatatt tgacttaaac tatctcaata aagttttgca gctttcacca aaaaaaaaaa 780

781

<400> 809

Glu Glu His Cys Lys Met Pro Glu Ala Gly Glu Glu Gln Pro Gln Val
145 150 155 160

 $\langle 220 \rangle$

<400> 810

atganaagga	gatgacacaa	aagttagatc	tcatcacaag	tgattttggca	gattaccagc	60
agccctcat	gatnggcacc	gggacagtca	cgaggaaggg	ctccaccttc	cggcccatgg	120
acacgggatgc	cgaggaggca	ggggtgagca	ccgatgccgg	cggccactat	gactgcccgc	180

```

agcggggcgg cgcgcaagag tacgagctgc cctgggccc cccggagccc gagtacgcca 240
cgcccatcgt ggagcggcac gtgctgcgcg cccacacgtt ctctgcgcag agcggctacc 300
gcgtcccagg gccccagccc ggccacaaac actccctctc ctggggcggc ttctcccccg 360
tagcgggtgt gggcgccag gacggagact atcaaaggcc acacagcgca cagcctgcgg 420
acaggggcta cgaccggccc aaagctgtca gcgccctcgc caccgaaagc ggacaccctg 480
actctcagaa gcccccaacg catcccgga caagtgcag ctattctgcc cccagagact 540
gcctcacacc cctcaaccag acggccatga ctgccctttt gtgaacacaa tgtgaaagaa 600
gcctgctgtg gtactgagcg tcgg                                     624

```

```

<210> 811
<211> 572
<212> DNA
<213> Homo sapiens

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<400> 811
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acggcctgga gcaggcgctg cggaggcgcg agagcgagca cgagaggag gtgcgcgctc 180
tgtacgagga gacggagcag ctccgggagc agagccggcg cccgccgagt cagaacttcg 240
cccgcgggga gcggagaagc cgtctggagc tggagctgca gatccgcgag caggaccttg 300
aacgcgcggg cctgcggcag cgggagttag agcagcagct gcacgcccag gctgcggagc 360
acctggaggc acaggcccag aactcccagc tgtggcgggc gcacgaggcg ctgcgaacgc 420
agctggaggg ggcgcaggag cagatccgca ggctggagag cgaagcacga ggccgccagg 480
agcaaacca acgagacgtg gtcgccgtct ccaggaaat gcagaaagag aaagtcagcc 540
tgctacggca actggagctg ctccaggagc tg                                     572

```

```

<210> 812
<211> 594
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (594)
<223> n=A,T,C or G

```

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<400> 812
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gctgcggagg gccgcgggt gtacgtggtg gacgagcag ctgtcctggg cgcagaggac 180
ccagcgggtgt acggcgattc tgcccgtag aaggcattgc gtggagctct gcgagcctcc 240
gtggaacggc gctgagtcg ccacgacgtg gtcacctcgg actcgcttaa ctacatcaaa 300
ggtttccggt acgagctcta ctgcctggca cgggcggcgc gcaccccgct ctgcctggtc 360
tactgcgtac ggcccggcgg cccgatcgcg ggacctcagg tggcgggccc gaacgagaac 420
cctggccgga acgtcagtg gagttggcgg ccacgcgctg aggaggacgg gagagcccag 480
gcggcgggca gcagcgtcct cagggaactg catactgcgg actctgtagt aaatggaagt 540
gcccaggccg acgtacccaa ggaactggag cgagaagaat ccggggctgc ggag 594

```

```

<210> 813
<211> 561

```

006230-0357960

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(561)
<223> n=A,T,C or G

<400> 813
tctgacacac gagaccgggt atcccatctc cgcgccctc tgtgggtatt acacagccac 60
tagatgaagc caaacattgt tggaggtaact gaaatcttag actccaccat gtgtccagga 120
nccattgac gtctctctct ctgaaaactc cgtgtggccc tcgctctgca ctgtcatgag 180
gcggtgatgg agctagatac ccaccacgga caatgatcat cagtttgggg ttctctgggt 240
ctcacaggga cgcacattct aggggtagca cgacactccc cctgtagttg ctccacacaa 300
acgggatctc tcatccaggc gatacgtctg gtctctgggc atgtggctct cnacgaaaca 360
ccagggancg attatgttgg ggacttcttg gggctctgct ggtctctgct ccagacacga 420
ttaatccgaa atgtgttaan tcgancacat ggggtccacgt ccaggacagc tcccatcgaa 480
ctctcnaggc tctctanctc agggatgaag gaggtnaagt gatcgatnct cacaagcgan 540
agctctcgcn cnatatctgc g 561

<210> 814
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(307)
<223> n=A,T,C or G

<400> 814
cntcngngng ttggttgtgt gggntnttct cgggtgattg ggtgnnatta ctggacccaa 60
ccnncgtgga aanggtctgg nncgcggccg ntctngcaga agtatcccga tttttttttt 120
tttttttttt tttttgngng agggaaant ncagacatag ctttattgct gactcctgcc 180
cccttcnag ccctagtcac aggcnncagg gntgttttgt aantaaant ttcnggaaaa 240
tngngtntt tntgcatnca anagaagggn tgccaaangn ggggtattgc ttctgggtgg 300
nttacc 307

<210> 815
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n=A,T,C or G

<400> 815
ggcagagat ataatcagac tttactcct gtacttctag aaatgatgca aacacttcaa 60
ggaccacaaa atgtggaaga tatgaatgca ctgttaatca agatgctgt gtataatgct 120
gttgatttaa gctgcttatg agctctttga cagtgttgat ttgatcagt ggtttaaaaa 180
ccagcttctt ccagaattac aagtcattca caataggtat aagccattgc gacgcagggt 240
gatttggtc atcgggtcagt ggatttctgt gaaattcaag tctgacttaa gacctatgct 300

006220" C95T5960

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n=A,T,C or G

<400> 818
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tcctcacatc acgtcctgcc ccaggtcact gcataaataa gtgctttgga aagtattcat 180
ctagaaagta acataaatac tgtacataga aaagggttgc cgccccttag ccttcgcact 240
gccccagaga gctctccaca tattgcacac ggctctccca gccctgtggg gtccaggcct 300
ggctgtgtct ttggtagaag cttcagggac agttcctggg cagccccac atctncacc 360
tgctccaaa ggggagctct agggtagtca gtgggtacca gaagccttgc tcggcctcgc 420
tggtggcctt ctaccangga tgctttcaca aggatgagac agaatcccaa tggatgccc 480
ctgcttgga actctgctca aggtctgcat gtggcctggg aggagacagg caggctgang 540
gcaggtggac aggtgantcc tggccacana aggcaggctc acacccttca cangaatagg 600
tggtttgngc tgtcatctcg gccacggtc tctnntgcg ccaccccc ttnntgaatc 660
gnaantctc aaanccctta ccaccacttg atgaccnanc atttttangg cctggcttga 720
aggngggggc cttnggcccc ccnaaggggg aaatncccc ggngaattnc ccaangggga 780
a 781

<210> 819
<211> 199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(199)
<223> n=A,T,C or G

<400> 819
cnnngtggaa anggctgggn nngcgccgt tttcgngta gtatcgcnt tttttttttt 60
tttttgggg aggttntgcn gtntttgntt gctctctcaa attccaggaa ttgacttatt 120
taattaatgc ctgcaacctg tgctagcaaa tatttgnaca aaacnanttg tgttgngat 180
gttcttttgg gtcgggcag 199

<210> 820
<211> 211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(211)
<223> n=A,T,C or G

<400> 820
nnnggcacga ggagagagag agagagagag agagagagag agagagagag agagagagag 60
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 120
agacagtnc ntgtgtgtct ctctgtctcn aagtaacnc tgaggnatct gntntctgtn 180

tntngngtaca cngtatctct cntggncata t

211

<210> 821
<211> 952
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(952)
<223> n=A,T,C or G

<400> 821
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ggcagcagag caccaaggaa acatccagac atgcgcggcc cggcccatcc gctcccggaa 120
cagcaccag acgaaatggg aaactacatg tccccagggt cgaggctgca ggggcagact 180
ctgggtgtgaa caggggggat gtgaccacct aaggaaaagg tcacacctgt ctgggtatca 240
ggggctcaag agctctcaaa aatgtaaggg gccgacagtc ccctgccccca ggctgatca 300
caactccagg gtcattgagg cagagtaaag tgcagagggt tttaaacata accaaaattt 360
caggagaggc caattcttac ttgaaagagc aacaccctgg ggctgctgct gccattactt 420
cctcatcttt agcaacacat ttgcttttca aggtgttctt tgtggaaaca cacatacaca 480
tagacacatg cccctcagat gtcccccgcc ccctgattag tagaatgtgg gggtttccaca 540
atgagcagaa actgatccaa ttttggttaa gtttgagaag ccctctgaat ttgggtgggt 600
ggcccaatgt aaatacttcc gcagagatgg agggcattca aaacagggtc tgaaaggatc 660
cagcctatct tggactttgt tctggaancc anggattcag cnttggccac ctgtgccagg 720
cttgcaaggc ctgggtgtgaa cncccaaant ggcagcaaaa acaacanaca gccnctgcac 780
tttgngtgga ccaacgtttg gcctnaacaa atctngcggg ttgggatntt cttgntttcn 840
cncccagggg accnaaaacc cccntacntg naataacnt ttttttttnn aaccntttan 900
ccantgggnt tncnnaaaaa acttgncccc ttttttttnc caangnnaaa at 952

<210> 822
<211> 587
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(587)
<223> n=A,T,C or G

<400> 822
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aggtcttttt gaaaaatcca ctgtcttaga tgaaaagtct acccagcaag cactggggga 180
gttctgagag tagaaaccag tgtggtggaa gttacttata ggaagttcag tgcagagggtc 240
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ccccangcgg ntgcactctg cttcagactc atcaaactgc tgctgtccan ctncgncatg 420
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ttctgcttag ccttctncac tntgaaggnt ggggtctttaa ctttttgatt tttttttccn 540
ggcaggggga accatgaatg ggggtacatac ccacncnggg ntttggc 587

<210> 823
<211> 264

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<220>  
<221> misc_feature  
<222> (1)...(264)  
<223> n=A,T,C or G
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```
<210> 824
<211> 520
<212> DNA
<213> Homo sapiens
```

<400>	824						
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gttaacaaaa	taggaaaantc	tattngaact	aacaatcadc	tctttgaatc	tgcntatccc	180	
attaaaagca	ttttcctcaa	tattcctcat	atcggttatg	gncaatggat	acccatctga	240	
gctggttgan	ccctttaaata	tnattatact	taactttttg	aaggctgtta	tacccaaggg	300	
acaaacctaa	ncaaccanca	gatatacttg	anggtntctc	ctgtnatctc	tcagattcca	360	
atataccatt	ttgccttnac	acctacagcc	cttaggggca	tcctcnttcc	ncanaacaaa	420	
ncattntcac	taagacagnc	tggggtnntn	caccaatggc	taccaaacct	ctgnccgcna	480	
cccaccgcnt	aaanqqcnqa	aattncenan	ccacacgggt			520	

```
<210> 825
<211> 2064
<212> DNA
<213> Homo sapiens
```

<400>	825					
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gccgcgcgac	cggcaaaaat	acacggggagg	ccgtcgccga	aaagagtccg	cggtcctctc	120
tcgtaaacac	actctcctcc	accggcgcct	ccccctccgc	tctgcgcgcc	gcccggctgg	180
gcgcccgagg	ccgctccgac	tgctatgtga	ccgcgaggct	gcgggaggaa	ggggacaggg	240
aagaagaggc	tctcccgcgg	gagcccttga	ggaccaagt	tgcggccact	tctgcaggcg	300
tcccttctta	gctctcgccc	gcccctttct	gcagcctagg	cggcccgggt	tctcttctct	360
tcctcgcgcg	cccagccgcc	tcggttcccg	gcgaccatgg	tgacgatgga	ggagctgcgg	420
gagatggact	gcagtgtgct	caaaaggctg	atgaaccggg	acgagaatgg	cggcggcgcg	480
ggcggcagcg	gcagccacgg	caccctgggg	ctgccgagcg	gcggcaagtg	cctgctgctg	540
tgctcagac	cgttcctggc	gcacagcgcg	ggctacatcc	taggttcggt	caacgtgcgc	600
gtaacacca	tcgtgcggcg	gcgggctaa	ggctccgtga	gcctggagca	gacccctgcc	660
gccgaggagg	aggtacgcgc	ccgcttgcgc	tccggcctct	actcggcggt	categtctac	720

gacgagcgca gccgcgcgc cgagagcctc cgcgaggaca gcaccgtgtc gctggtggtg 780
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 cccccgggtt cccccagtgc cacagagccc ttggacctgg gctgcagctc ctgtgggacc 960
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 gccgcagcag ccagggaaga ccttgggttt gtttatgtgt cagtttctact tttccgatag 1860
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 gacaagtttc ccagaagtgc ctggttctgt gtacttgtcc ctttgttgtc gttgttgtag 2040
 ttaaaggaat ttcatttttt aaaa 2064

<210> 826
 <211> 2109
 <212> DNA
 <213> Homo sapiens

<400> 826
 tggcgccagc ggcgacagga gccgcgcgac cggcaaaaat acacgggagg ccgtcgcgca 60
 aaagagtccg cggctcctctc tcgtaaacac actctcctcc accgggcgct cccctccgc 120
 tctgcgcgcc gcccggtgg ggcgcgcagg ccgctccgac tgctatgtga ccgcgaggct 180
 gcgggaggaa ggggacaggg aagaagaggc tctccgcgg gagcccttga ggaccaagtt 240
 tgcggccact tctgcaggcg tcccttctta gctctcgcct gccctttct gcagcctagg 300
 cggcccaggt tctcttctct tcctcgcgcg ccagcgcgcc tcggttcccg gcgaccatgg 360
 tgacgatgga ggagctgcgg gagatggact gcagtggtgt caaaaggctg atgaaccggg 420
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 gcggaagtgc cctgctgctg gactgcagac cgttccctgg gcacagcgcg ggctacatcc 540
 taggttcggg caacgtgcgc tgtaacacca tcgtgcggcg gcgggctaag ggctccgtga 600
 gcctggagca gatectgccc gccgaggagg aggtacgcgc ccgcttgcgc tccggcctct 660
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 acaagtgcac cccagtggaa gataaccaca aggcgcacat cagctcctgg tcatggaag 1140
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 gcttcatggg gcagctgctg cagttcgagt cccaggtgct ggccacgtcc tgtgctgagg 1380
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<210> 827

<212> PRT

<213> Homo sapiens

<400> 827

Arg Leu Met Asn Arg Asp Glu Asn Gly Gly Gly Ala Gly Gly Ser Gly
20 25 30

Ser His Gly Thr Leu Gly Leu Pro Ser Gly Gly Lys Cys Leu Leu Leu

Asp Cys Arg Pro Phe Leu Ala His Ser Ala Gly Tyr Ile Leu Gly Ser
50 55 60

Val	Asn	Val	Arg	Cys	Asn	Thr	Ile	Val	Arg	Arg	Arg	Ala	Lys	Gly	Ser
65					70					75					80

Val Ser Leu Glu Gln Ile Leu Pro Ala Glu Glu Glu Val Arg Ala Arg
85 90 95

Leu Arg Ser Gly Leu Tyr Ser Ala Val Ile Val Tyr Asp Glu Arg Ser
100 105 110

Pro Arg Ala Glu Ser Leu Arg Glu Asp Ser Thr Val Ser Leu Val Val
115 120 125

Gln Ala Leu Arg Arg Asn Ala Glu Arg Thr Asp Ile Cys Leu Leu Lys
130 135 140

Gly Gly Tyr Glu Arg Phe Ser Ser Glu Tyr Pro Glu Phe Cys Ser Lys
145 150 155 160

Thr Lys Ala Leu Ala Ala Ile Pro Pro Pro Val Pro Pro Ser Ala Thr
165 170 175

Glu Pro Leu Asp Leu Gly Cys Ser Ser Cys Gly Thr Pro Leu His Asp
180 185 190

Gln Gly Gly Pro Val Glu Ile Leu Pro Phe Leu Tyr Leu Gly Ser Ala
 195 200 205
 Tyr His Ala Ala Arg Arg Asp Met Leu Asp Ala Leu Gly Ile Thr Ala
 210 215 220
 Leu Leu Asn Val Ser Ser Asp Cys Pro Asn His Phe Glu Gly His Tyr
 225 230 235 240
 Gln Tyr Lys Cys Ile Pro Val Glu Asp Asn His Lys Ala Asp Ile Ser
 245 250 255
 Ser Trp Phe Met Glu Ala Ile Glu Tyr Ile Asp Ala Val Lys Asp Cys
 260 265 270
 Arg Gly Arg Val Leu Val His Cys Gln Ala Gly Ile Ser Arg Ser Ala
 275 280 285
 Thr Ile Cys Leu Ala Tyr Leu Met Met Lys Lys Arg Val Arg Leu Glu
 290 295 300
 Glu Ala Phe Glu Phe Val Lys Gln Arg Arg Ser Ile Ile Ser Pro Asn
 305 310 315 320
 Phe Ser Phe Met Gly Gln Leu Leu Gln Phe Glu Ser Gln Val Leu Ala
 325 330 335
 Thr Ser Cys Ala Ala Glu Ala Ala Ser Pro Ser Gly Pro Leu Arg Glu
 340 345 350
 Arg Gly Lys Thr Pro Ala Thr Pro Thr Ser Gln Phe Val Phe Ser Phe
 355 360 365
 Pro Val Ser Val Gly Val His Ser Ala Pro Ser Ser Leu Pro Tyr Leu
 370 375 380
 His Ser Pro Ile Thr Thr Ser Pro Ser Cys
 385 390

<210> 828
 <211> 453
 <212> DNA
 <213> Homo sapien

<400> 828
 ggatcattta attgcatact ctatgaccac gcacatgtaa agccccttct gcaaaagaga 60
 cctaaaccag atgagaagta ttattcatcc agcatatggg gaccaacatg tgatggcctc 120
 gatcggattg ttgagcgctg tgacctgcct gaaatgcatg tgggtgattg gatgctcttt 180
 gaaaacatgg gcgcttacac tgttgctgct gcctctacgt tcaatggcct ccagaggccg 240
 acgatctact atgtgatgctc agggcctgcg tggcaactca tgcagcaatt ccagaacccc 300

gacttccac	ccgaagtaga	ggaacaggat	gccagcacc	tgctgtgtc	ttgtgcctgg	360
gagagtggga	tgaacgcca	cagagcagcc	tgtgcttcgg	ctagtattaa	tgtgtagata	420
gcactctggt	agctgttaac	tgcaagttta	gct			453

<210> 829

<211> 452

<212> DNA

<213> Homo sapien

<400> 829

ctggggccacg	aggacaccac	cagcttggat	cggcctcgcc	gtgtggaata	ctttgtagat	60
aagcaactcc	aagtaaaggc	tgtcacctgt	gggccgtgga	acacctacgt	gtatgctgtg	120
gagaaagggg	agagctgaca	tgtgtacgta	tatgtatatg	caacacctgt	gagaccccca	180
ttcaggtcaa	ggaaaaccgt	tgccctgcacc	ccaagggccc	catatttgcc	cctccccatc	240
acagtccctgc	ccttcaccct	caagcacggg	cctaaacttg	tctgcacttt	agaaacacct	300
ggagagcatt	gaaaactctg	ctgcctaagg	tcagcatcaa	tcaaaacaat	gaaatcaatg	360
aaacaatgaa	accagagctt	ctaggtgtgt	ggcctggata	gtggtagatt	caaagctcca	420
cccacctcat	cccaggtaca	tttgatgtgc	ag			452

<210> 830

<211> 450

<212> DNA

<213> Homo sapien

<400> 830

ctgaccccc	tttgtccaca	gctaagatgg	cagcagaatg	ctatgtcact	atatacagaa	60
acaagacaac	ctgaagctaa	atggatgccc	cctgcagagt	caacagggtcc	agcctcacag	120
tgcacgccc	gagctacagc	ctctcccaaa	aggcatcttc	cccacagcct	caacgcccag	180
caaggagcat	caagggtttg	tctcggttgt	tttgttcttt	ttacaaacta	tagatatata	240
cagttgaaaa	ctcaggattt	ctagccaata	accatagtta	ccaccacctt	acaaataaaa	300
agaaaatgcc	agaaacatct	ttaaatgcct	tgtcacacca	acagcaaagt	gcacagagtg	360
aggagaacac	gagagtgcct	tttcatttta	aaaatgtttg	gaaatatgta	caactttgat	420
acagtttcag	ggtgctccag	acacccatgg				450

<210> 831

<211> 395

<212> DNA

<213> Homo sapien

<400> 831

ctctaaaccc	ctccacattc	ccgcggctct	tcagactgcc	cggagagcgc	gctctgcctg	60
ccgcctgct	gctgcccact	gagggttccc	agcaccatga	gggcctggat	cttctttctc	120
ctttgcctgg	ccgggagggc	cttggcagcc	cctcagcaag	aagccctgcc	tgatgagaca	180
gaggtggtgg	aagaaaactgt	ggcagaggtg	actgaggtat	ctgtgggagc	taatcctgtc	240
caggtggaag	taggagaatt	tgatgatggt	gcagaggaaa	ccgaagagga	ggtggtggcg	300
gaaaatccct	gccagaacca	ccactgcaaa	cacggcaagg	tgtgcgagct	ggatgagaac	360
aacaccccca	tgtgcgtgtg	ccaggacccc	accag			395

<210> 832

<211> 291

<212> DNA

<213> Homo sapien

<400> 832

```

ctgactcttc catctgtgca ggttgactga ggtcattcct gagttgcagt atgttgagag      60
ggtaaatattt ctgtctttctc taactcccca tactcccttg tcttccactc tccacttagg      120
agttttttgt gagttatgtc cttgttgctt ttgctctttt ttctttctag ccttgattgt      180
gccagaagac aatgtcccta ttcacacact ctttctgctt ttctgtgggc aggaacatgg      240
aaggggtgct gatggacgtg gactgtgaga gcgtctaccc cactgtgtag g                291

```

```

<210> 833
<211> 491
<212> DNA
<213> Homo sapien

```

```

<400> 833
ctgtagcttc tgtgggactt ccactgctca ggcgtcaggc tcaggtagct gctggccgcg      60
tacttgttgt tgccttgttt ggaggggtgtg gtgggtctcca ctcccgctt gacggggctg      120
ctatctgcct tccaggccac tgtcacggct tccgggtaga agtcacttat gagacacacc      180
agtgtggcct tgttggcttg aagctcctca gaggagggcg ggaacagagt gaccgagggg      240
gcagccttgg gctgacctag gacggtcagc ttgggtccctc cgccgaagac cacattattg      300
ccgtcccacg tctgacagta atagtcagcc tcatccatag cctgggtccc gctgatggtc      360
agagtggctg tgttcccaga gttggagcca gagaagcgct cagggatccc tgaagaccgc      420
ttattatctt gataaatgac taccacaggg gactggcctg gcttctgttg ataccaacaa      480
gcagatacct g                491

```

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<210> 834
<211> 308
<212> DNA
<213> Homo sapien

```

```

<400> 834
ctggtcgagg tccacgccgc ggtagggtgaa cttgcggaag gtccgcttct tcttctgctc      60
tacttctgcc gtgctggaga acatcgaaact gaacaagaag agtatgtatt cccgtgtgcc      120
agagtgccag gtcaccacat actattatgt tgggttcgca tatttgatga tgcgtcgta      180
ccaggatgcc atccgggtct tcgccaacat cctcctctac atccagagga ccaagagcat      240
gttccagagg accacgtaca agtatgagat gattaacaag cagaatgagc agatgcatgc      300
gctgctgg                308

```

```

<210> 835
<211> 472
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

```

```

<400> 835
ctgacatggt aactgtgatg cataaaactc gatcttctga tggggagtaa gtgcagaagg      60
tagaaatctc cgccccgcgg gggcttatct gtactggtag ttcattgctgt ggtctgcgtt      120
tctgccatag ccgccttggtg aggactggta ggagctggga gggccactgt agttctggcc      180
ggacccccggg gagttgtagt tcgactgtga gtagcctcct tgtttgcctt ggtatgagga      240
gccgccccca gaacctccgc cgtagccccc gtgtgacctt gggttgtagg atgccccgcc      300
tgagccgtag ctgttccgcg cgttccggcc tccactacca ctgtagttga atttgcctc      360
gtagntgtag tcggatccgc ccccgcccc gggagagttg tngganttcg agtaggagta      420
gctgccttgt ccatggttat agcctttctg cttgcctctg ggagggccat ag                472

```

<210> 836
 <211> 354
 <212> DNA
 <213> Homo sapien

<400> 836
 ccagtgcac cttcagatag acacatgggtg accagagccc gccaggcttc tgcagggtggc 60
 agtgtcgagc aagtgtgaaga tgtctgtggg aaggagaagc tcctgaaatg aacgttctgc 120
 aaacagaagg ctgaggggtc ttccaggcat gtccagtcac taggagctgc caccgggtggg 180
 cttgagtgcc aggtctctagg ctttgtgcag aaagcaccgc gggcgggggg cggttaaggga 240
 gagcaaaatg ggtctctctc aactgcagtc agtgcctctg ggaacacggc ctcacagaca 300
 gcacatattc tacgtcacag ctctagggtt tcaaggactt agccatccga cagg 354

<210> 837
 <211> 318
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 837
 ctgaaaatga aggttaattaa aaccatggag gcgatcagcg aggttctcca ggaccttagg 60
 tttgatgcgg aatctgccga gtgatggcgg ctccccaggg atgcgccgag ggagatggga 120
 aacggggcgg atggcgccca gccagccct aactgccagc cacattgaag cggacattgg 180
 caaccgggtc cccagccatg cgcagaaccg tgggtagcat gtgcttggtg gtgatgtcct 240
 gccacagac ctcagacggc acattgatgc agaagagcgt antcatgcgg tgcaggtagt 300
 tggggtctcc ggacatgg 318

<210> 838
 <211> 277
 <212> DNA
 <213> Homo sapien

<400> 838
 ctgcgcgtcg ccaaagtgc aggcgggtgc gcctccaagc tctctaagat ccgagtcgtc 60
 cggaaatcca ttgccgtgt tctcacagtt attaaccaga ctcagaaaga aaacctcagg 120
 aaattctaca agggcaagaa gtacaagccc ctggacctgc ggcctaagaa ggcacgtgcc 180
 atgcgccgcc ggctcaacaa gcacgaggag aacctgaaga ccaagaagca gcagcggaag 240
 gagcggtgtg acccgtgcg gaagtacgcg gtcaagg 277

<210> 839
 <211> 276
 <212> DNA
 <213> Homo sapien

<400> 839
 ccaaggaatg caggctgtac tatctgcgaa atggagaacg tatttcagtgc tcggcagcct 60
 ccaagctgct gtccaacatg atgtgccagt accggggcat gggcctctct atgggcagta 120
 tgatctgtgg ctgggataag aagggtcctg gactctacta cgtggatgaa catgggactc 180
 ggctctcagg aaatatgttc tccacgggta gtgggaacac ttatgcctac ggggtcatgg 240

00651563.000000

acagtggcta tcggcctaatt cttagccctg aagagg

276

<210> 840

<211> 453

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(453)

<223> n = A,T,C or G

<400> 840

ccttctttgc	catgaccaag	ctctttcagt	ccaatgatcc	cacactccgt	cggatgtgct	60
acttgaccat	caaggagatg	tcttgcatg	cagaggatgt	catcattgtc	accagcagcc	120
taacaaaaga	catgactggg	aaagaagaca	actaccgggg	cccggccgtg	cgagccctct	180
gccagatcac	tgatagcacc	atgctgcagg	ctattgagcg	ctacatgaaa	caagccattg	240
tggacaaggt	gccagtggtc	tccagctctg	ccctcgtgtc	ttccttgac	ctgctgaagt	300
gcagctttga	cgtgggtcaag	cgctgggtga	atgaggctca	ggaggcagca	tccagtata	360
acatcatggt	ccagtaccac	gcactanggc	tctgtacca	tgtgcgtaag	aatgaccgcc	420
tagccgtcaa	taagatgatc	agcaagggtc	cac			453

<210> 841

<211> 142

<212> DNA

<213> Homo sapien

<400> 841

agcctctcta	gtggcagagc	agctcacact	ccctccgctg	ggaacgatgg	cttctgccta	60
gtacctatcc	ttgtgtttct	gatgcagtgg	tagcattggt	tcaagttctc	tctgtctgtg	120
gtcagagttg	cttcgatgtt	gg				142

<210> 842

<211> 83

<212> DNA

<213> Homo sapien

<400> 842

cctaaaagca	gccaccaatt	aagaaagcgt	tcaagctcaa	cacccactac	ctaaaaaatc	60
ccaaacatat	aactgaactc	ccc				83

<210> 843

<211> 482

<212> DNA

<213> Homo sapien

<400> 843

ccatcggtgt	ctggcagatg	cggcacctca	agagcttctt	tgaagccaag	aagcttgtgt	60
agctgtccca	ggcgtcacaa	cccatactcc	caggctgggg	gagaaaggac	ctcctggaac	120
tgacttcttc	tgatcaggagg	actggtttcc	agccatacct	gttctggaag	ggagaggggc	180
tggaggcacc	cacaggcaca	agctgaaggc	agcagcttgg	ctaatactga	gcaggtagtg	240
gggcaaattc	ctgccctctc	tctctggcct	ctgggcccgtt	tggtagtaat	cacccagggg	300
ctggtaaagc	ccctcctctt	ggcacctcag	aatcacagt	ttactgatca	gggatgtgag	360
gctgctgttg	gggggtggggg	gaggggaatg	ggcaggcaag	ccagtcttct	gtcttctctt	420

gctaaacttag gggttttgagc aggttggggg tatggtgcct gtcataccca cctgccaccc 480
tg 482

<210> 844
<211> 534
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 844
ccagattttt caagttttaa ggaggaaact gcttattgga aggaactttc cttgaagtat 60
aagcaaagct tccaggaagc tcgggatgag ctagttagaat tccaggaagg aagcagagaa 120
ttagaagcag agttggaggc acaattagta caggctgaac aaagaaatag agacttgcag 180
gctgataacc aaagactgaa atatgaagcg gaggcattaa aggagaagct agagcatcaa 240
tatgcacaga gctataagca ggtctcagtg ttagaagatg atttaagtca gactcggggc 300
attaaggagc agttgcataa gtatgtgaga gagctggagc aggccaacga cgacctggag 360
cgagccaaaa gggcaacaat agtttctactg gaagactttt gaacaaaggc taaaccaggc 420
cattgaacga aatgcatttt tagaaagttg aacttgatga aaaaggaatc tttgttggtc 480
tctgtacaga ggttnaagga tgaagcanga gatttaaggc aagaactagc agtt 534

<210> 845
<211> 175
<212> DNA
<213> Homo sapien

<400> 845
tcgacctgtg gcaaatgtgg ctaccctgcc aagcgcaaga gaaagtataa ctggagtgcc 60
aaggctaata gacgaaatac caccggaact ggtcggatga ggcacctaaa aattgtatac 120
cgcagattca ggcattggatt ccgtgaagga acaacaccta aaccaagag ggcag 175

<210> 846
<211> 179
<212> DNA
<213> Homo sapien

<400> 846
cgcgtggaca gttgcgaggg gtctgtgtga aggcacttgt cacgagcttc aatactgccg 60
ccgtcccagg atgggagaaac tgcgcagcag gaagggcact tctgaaagca cagtggagag 120
atcgtctggag cgggcgttct gggcaggagg aagcacagac ggcaggcagg gtggactgg 179

<210> 847
<211> 410
<212> DNA
<213> Homo sapien

<400> 847
ccacaaaaac cagtcacaag acctggagtt gtctgtgcag atgtacgcc aagccgccct 60
ggatggagac tcccagggat tttttaacct ggccctgcta atcgaggaag gtacgataat 120
cccacaccat atcttggatt tcttggaaat tgactcaact ctccattcta ataacatctc 180
cattctccag gaactgtacg aaaggtgctg gagccacagt aacgaggagt ccttcagccc 240

ctgtctccttg gcttggtttt acctgcactt gcggtttctc tggggtgcta tcttgcactc 300
 agccctgata tactttctgg gaacctttct gctatccata ttgatcgctt ggactgtgca 360
 gtatttccag tctgtctcag caagcgatcc cctccaaga ccatcccagg 410

<210> 848
 <211> 557
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 848
 cacgggcccc cagccctgtg tcggccttgt ctgtctcagc tcaaccacag tctgacacca 60
 gagccactt ccatactctc tgggtgtgagg cacagcgagg gcagcatctg gaggagctct 120
 gcagcctcca cactaccac gacctcccag ggctgggctc aggaaaaacc agccactgct 180
 ttacaggaca gggggttgaa gctgagcccc gctcacacc ccccccatg cactcaaaga 240
 ttggatttta cagctacttg caattcaaaa ttcagaagaa taaaaaatgg gaacatacag 300
 aactctaaaa gatagacatc agaaattggt aagttaagct ttttcaaaaa accagcaatt 360
 ccccgagcgtg gtcaagggtg gacactgcac gctctggcat gatgggatgg cgaccgggca 420
 agctttcttc ctcgagatgc tctgctgctt gagagctatt gctttgttaa gatataaaaa 480
 ggggtttctt tttgtcttct tgtaaggngg acttccagct tttgattgaa agtcctaggg 540
 tgattctatt tctgctg 557

<210> 849
 <211> 525
 <212> DNA
 <213> Homo sapien

<400> 849
 ctgatggttt ggaaatgaga gaactacagt ggtgaagaga ccaggaggca gctctcagtg 60
 aaaccaacat tgcggatgcc ctctgtgagc cttctcagtc ccagcaggaa gccacaaca 120
 ctggcctccc cagcctgcct gctgacaaca cctaggctta cttatctaa aatcagagt 180
 taccaggtct gtagcagaaa ataataact aaatgtcagg gacctatgag tcatctaaaa 240
 caaaagagga agtgaaagcc attaggcaag ctatgtgctg ggctgctaac gtagccccctg 300
 caggaggagg ttaggagcgc gctgcagtga gccttgggtc tcgcaggccc agccctgctg 360
 caaggagcca gggcaccag gaaacatcag cacacacaca cacagggacc ctcccttcat 420
 gtcacttggt ttgctgccct aaatggcttc ttgcacccta acccctgata ctggaagaag 480
 gcagagagac tggcccgtag agagacctgc aattctacgc aagct 525

<210> 850
 <211> 384
 <212> DNA
 <213> Homo sapien

<400> 850
 cctcttgagg cacatccttt actgcattgt ggacagcgag tgtaagtcaa gggatgtgct 60
 ccagagttac ttgacctcc tgggggagct gatgaagttc aacgttgatg cattcaagag 120
 attcaataaa tatatcaaca ccgatgcaaa gttccaggta ttctgaagc agatcaacag 180
 ctccctggtg gactccaaca tgetggtgog ctgtgtcact ctgtccctgg accgatttga 240
 aaaccaggtg gatatgaaag ttgccgaggt actgtctgaa tgccgcctgc tcgcctacat 300
 atcccaggtg cccacgcaga tgtccttctt cttccgcctc atcaacatca tccacgtgca 360

gacgctgacc caggagaacg tcag

384

<210> 851

<211> 423

<212> DNA

<213> Homo sapien

<400> 851

ctcaggaaaa	accagccact	gctttacagg	acaggggggtt	gaagctgagc	cccgccctcac	60
acccaccccc	atgcactcaa	agattggatt	ttacagctac	ttgcaattca	aaattcagaa	120
gaataaaaaa	tgggaacata	cagaactcta	aaagatagac	atcagaaatt	gttaagttaa	180
gctttttcaa	aagatcagca	attccccagc	gtagtcaagg	gtggacactg	cacgctctgg	240
catgatggga	tggcgaccgg	gcaagctttc	ttcctcgaga	tgctctgctg	cttgagagct	300
attgctttgt	taagatataa	aaagggggtt	ctttttgtcc	ttctgtaagg	tggacttcca	360
gcttttgatt	gaaagtccta	gggtgattct	atttctgctg	tgatttatct	gctgaaagct	420
cag						423

<210> 852

<211> 413

<212> DNA

<213> Homo sapien

<400> 852

ctgaaaacag	tgggaggcca	gatgctggca	tcttccagac	gggagcatag	ccatgggtcac	60
tctagccgat	gtctcctggg	gctctcaggc	ggcaaggacc	agatgcacca	ctactgtcca	120
atcccagttt	tacttagagc	cacctccttt	tttggggcca	ttagtcctta	tttcatgcca	180
gattttcact	agcggctccc	tgttcttcca	aatcaattca	tgaccgtaag	taacatacca	240
tattccaaaa	agagctcccc	caagatgtgc	cgcatgatca	aaaaatttcc	atcccaggat	300
cattcctgct	gtatccatgg	cgataatggc	tttcagggca	ttccctgctg	tgaacgtgaa	360
catcggaagg	aaaataatgg	caagcctccc	ttctgggatc	ttagtgcaga	cag	413

<210> 853

<211> 288

<212> DNA

<213> Homo sapien

<400> 853

atctgtgagt	tctgagaggc	atttaggcca	tgggacaggg	aggatcctgt	ctggccttca	60
gtttccatcc	ccaggatcca	cttgggtctgt	gagatgctag	aactcccttt	caacagaatt	120
cacttggtggc	tattagagct	ggaggcacc	ttagccactt	cattcccttg	atgggacctg	180
actcttcccc	ataatcactg	accagccttg	acactccctt	tgcaaaccat	cccagcactg	240
cacccagggc	agccactcct	agccttggcc	tttggcatga	gatggggg		288

<210> 854

<211> 427

<212> DNA

<213> Homo sapien

<400> 854

ccaagtgaga	tcagccctca	agggcacatg	ccaagggcag	agcagcccat	gtagacagct	60
toggagggca	tgggggtgta	gggagttcgg	ggtagctcct	cattaactat	ttgttgggtg	120
agtaaagggg	tgaggctcag	tggcaggtac	ctctgcaatg	acaagctgcc	tccctctat	180
gtgttttagca	tatgttatta	gaacgtgtcc	gacaccccta	ccgtgccat	ttgggacctt	240
taataaagcc	aagtagagaa	atctggcaat	aaaaggcaaa	tgtaagcatg	ctttctttta	300

gacgcatcat aaatgggtttt ctttaagtga atggaagagt ttgacagaga tacacctttg 360
 taagaaaaca ttaagaatgc tggctgactg tgggtggctca cacctgtatt cccagcactt 420
 tgggagg 427

<210> 855
 <211> 311
 <212> DNA
 <213> Homo sapien

<400> 855
 ccagtattcc tggaggatat aacactgaca tcagcagggg tttcaatggc aacaattgca 60
 cgagctgcca gcagaagctt cccccaggtc ctcttgagat ttatgatata gatgccatca 120
 cttttccttt tatagatgta ctgttccatc tggaaagtcaa gattggtgcc acctaagtgg 180
 gttcctgctg caaggaactt aaggacatcc tcctccttca tttgcaggac atcaagggt 240
 ccggacattg tgaaagtttc cctttaagtt acgacgggaa tccagaacaa cgccgtatgg 300
 acccctctgc a 311

<210> 856
 <211> 328
 <212> DNA
 <213> Homo sapien

<400> 856
 cctatggaag tttggtgctt tgctccctgt gtttgcgaaa caggatatctc gtgatttcag 60
 aaaagcttga ggagattaag tctttccggg agctgacctg cctggatctt tctgttgca 120
 agcttggaaga tgagcatgaa cttctagaac atctcaccaa tgaagcctg tctagtgtaa 180
 ctcagctcca cctgaaggat aattgtctat ctgatgctgg ggtgcggaag atgacagcac 240
 cagttcgagt gatgaaaaga ggtatccaat gcctgcatct gtgatctcag ggttacatga 300
 taagtctaata atgttagat tctcaagg 328

<210> 857
 <211> 502
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 857
 ctgaccggac cggatcatgcc cgtccggaac gtctataaga aggagaaagc tcgagtcate 60
 actgaggaag agaagaattt caaagccttc gctagtctcc gtatggcccg tgccaacgcc 120
 cggtctcttcg gcatacgggc aaaaagagcc aaggaagccg cagaacagga tgttgaaaag 180
 aaaaaataaa gccctccttg ggacttgga tcaatcgga gtcattgctg gtctccacgt 240
 ggtgtgtttc gtgggaacaa ctgggccttg gatggggctt cactgctgtg acttctctct 300
 gccaggggat ttggggcttt cttgaaagac agtccaagcc ctggataatg ctttactttc 360
 tgtgttgaaag cactgttggt tgttttggtta gtgactgatg taaaacgggt ttcttctggg 420
 gaggttacag aggtgactt cagagtggac ttgtgttttt tcttttttaa gangtaaggt 480
 tgggctgggtg ctcacagacc tc 502

<210> 858
 <211> 411
 <212> DNA

<213> Homo sapien

<400> 858

cggccgaggt	ccttaatagt	taagttacag	ctaagaatgt	catgtcttgg	gttggaaattt	60
tcatttttag	caccgttaat	gtattcaact	aaatctatgt	tagcaccttg	tctccaggca	120
gaacaacaaa	ccatccaaac	attttaaaaca	ttgggggaaa	cacgaagggg	agggttaaag	180
acagaatcca	gtactgtgga	aggagtggat	ttagatcaca	agatccttgt	cgatatacctt	240
ctgcttgatg	ccgaagcagc	cggcccactc	atccagggcg	atgtacttgt	cattgtccag	300
gtcacaggtc	tcgaaaaagc	gggtggtgca	atgctccatg	gggatgaggg	gagcacgcag	360
tggagccagc	tcggtgtggg	agaggtaccc	gtcaatgggg	tgctggtcca	g	411

<210> 859

<211> 232

<212> DNA

<213> Homo sapien

<400> 859

aaatcacaga	gggacttagt	attccattaa	tgcaaatgga	aacattaagt	tcatcatcag	60
atgataaaaag	gaaaaaaaaa	acctgatact	catctcaaaa	gacgcagaga	agacatctgc	120
ataaatccag	tacctattat	tatttcaaat	ttaaaaactt	cttctttttt	aagagatagg	180
gtatcactat	gttggcccagg	ctgatottga	actotttgcc	tcagatgatc	ct	232

<210> 860

<211> 235

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 860

tgcccagaaa	ggaaggggct	attgcctcct	cccagccacg	ttccctttcc	tcctctccct	60
cctgtggatt	ctcccatcag	ccatctgggt	ctcctcttaa	ggccagttga	agatgggtccc	120
ttacagcttc	ccaagttagg	ttagtgatgt	gaaatgctcc	tgccctggc	cctacctcct	180
tcctgtccc	cacctctgca	taaggcagtt	gttggttttc	ttcccgaatn	ctttt	235

<210> 861

<211> 457

<212> DNA

<213> Homo sapien

<400> 861

ccaaaggaaa	gttggaaaggc	aactgacaga	ttctgccttt	taggtacttg	aactggcagg	60
aaatgcatca	aaagacttaa	aggtaaagcg	tattaccctt	cgtcacttgc	aacttgctat	120
tcgtggagat	gaagaattgg	attctctcat	caaggctaca	attgctgggtg	gtgggtatgtt	180
aacttctaac	attttaaaaa	atttcttcag	aggaaggaat	tttttgctgc	ttttaattag	240
tttttcagg	agaggaaatt	taagtatat	ttcaatgatg	gaagtatggt	tgtatcatga	300
aatgtgattt	atatgtataa	ctcaatgaat	ttttacctca	tacttgagct	gcatgttttt	360
aaagatacct	ttcaagttga	acagtataca	ctttcttggt	ttcaaatact	gtgatttttt	420
aaaaaatctt	aagtagaatt	aattcctgtc	actcccc			457

<210> 862

```
<210> 866
<211> 241
<212> DNA
<213> Homo sapien
```

<400> 866
 ctggctgtaa gtagcttcat agcaccagtc tttgagaatg tcaagctctc cagaaatcat 60
 ggctccagg acattgggga tgatgtcgtt ctgcactgt ttcagaaacc ggtccttgtc 120
 aaaggccggg tccacccgga ggatctccgt gagcacctcc gacatctctg tcttggagaa 180
 caggccccc agcaagtcgg tgacctgtc cgtaagggcc cgggatgccc ggatgaacgc 240
 g 241

<210> 867
 <211> 364
 <212> DNA
 <213> Homo sapien

<400> 867
 cctgggcccg ctgacttcag ggtgaggcca cagctactgc agcgcttttt atttatttat 60
 ttatttactg agatggagtc ttgctctgtc acccaggctg gagtgcagtg gtgcaatctc 120
 ggctcactgc aacctctgcc tcttgggctg cagtgtattct cctgcgttca agtaattctc 180
 ctgcctcggc cttctgagta gttgggatta caggcatatg ccaccacact tggctaattt 240
 ttctgtattt tagtagaaat ggggtttcac catgttggcg aggctgggtc cgaactcctg 300
 acctcaagga tcctcctgcc tcggcctcct aagggtgctgg gattgcagggt gtgagccacc 360
 acgt 364

<210> 868
 <211> 472
 <212> DNA
 <213> Homo sapien

<400> 868
 ccaccagtc acagatgtga ctggtaaggg atctagtaac agaggatgga gttgggcaga 60
 atattatcct ggatgatatg caccagcac taggatacac ctttcattag aatgaagaga 120
 acagacaaag ccctcagaaa agatacaaag gcagagacat tgattagaac attatctcat 180
 aacagagggtg gggccattac ccaccattat tgtaaaataa ctgtaactaa ccaaaacaca 240
 tacaggcttc tttaattggag ttaataaaaac tatggcacat tgggaatcag gggcagagggt 300
 actgttccca gacggaaaac tgggataaaag ggagccatgc tgacagggcc ttattccagt 360
 ctagggttgtt agaaaggagc cctagcccag aaatgacagc aaatagccat aatcattatg 420
 tggggctgaa ccagaggaag ccaggctgag ccaagaagct ggaagtatct tg 472

<210> 869
 <211> 368
 <212> DNA
 <213> Homo sapien

<400> 869
 cctttcttgt aagtgaagaa aaaggaatgc agcaaagaag agttcgacat tggagtcctt 60
 agttccatca ggatcccatt cgcagccttt agcatcatgt agaagcaaac tgcacctatg 120
 gctgagatag gtgcaatgac ctacaagatt ttgtgttttc tagctgtcca ggaaaagcca 180
 tcttcagtct tgctgacagt caaagagcaa gtgaaacctt tccagccta aactacataa 240
 aagcagccga accaatgatt aaagacctct aaggctccat aatcatcatt aaatatgccc 300
 aaactcattg tgacttttta ttttatatac aggattaaaa tcaacattaa atcatcttat 360
 ttacatgg 368

<210> 870
 <211> 411
 <212> DNA

<213> Homo sapien

<400> 870

```
ggcgtgtcct tggacttaga gagggtgggac gtccggcttc ggagcgggag tggtcgttgt      60
gccagcgact aaaaagagaa tttaatattg gtgatgttga gaaaggcaag aagattttta      120
ttatgaagtg ttcccagtg caccacgttg aaaaggagg caagcacaag actgggccaa      180
atctccatgg tctctttggg cgggagacag gtcaggcccc tggatactct tacacagccg      240
ccaataagaa caaaggcatc atctggggag aggatacact gatggagtat ttggagaatc      300
ccaagaagta catccctgga acaaaaatga tctttgtcgg cattaagaag aaggaagaaa      360
gggcagactt aatagcttat ctcaaaaaag ctactaatga gtaataattg g              411
```

<210> 871

<211> 385

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 871

```
tttttttttt tttnnttttt ttttttnaaa gattcacttt atttattcat tctcctccaa      60
cattagcata attaaagcca aggaggagga ggggggggtga ggtgaaanat gantggagg      120
accgcaatag gggtaggtcc cctgtggaaa aagggtcana ggccaaagga tgggaggggg      180
tcaggctgga actgagganc aggtgggggc acttntccct ntaacactnt cccctgttga      240
agctntttgt gacgggcnan ctccaggccct gatggngnac ttencaggcg tanactttgt      300
gtttctcgna ntctgctttg ctcanogtca ggggtgctgnt gaggtgtgtan ggtgctgtcc      360
ttgtgtcct gctntgngac actct              385
```

<210> 872

<211> 184

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 872

```
cttccttcgg tctttantat ttttgattgt tatgtaaaac tcgcttttat tttaatattg      60
atgtcagtat ttcaactgct gtaaaattat aaacttttat acttgggtaa gtcccccagg      120
ggcgagttcc tcgctctggg atgcaggcat gcttctcacc gtgcagagct gcaattggcc      180
tcag              184
```

<210> 873

<211> 397

<212> DNA

<213> Homo sapien

<400> 873

```
ctgtgggctc tgaatggcgt ccttttggct atccacgccg ccggcgacca ctgaattctg      60
tggttctaca acagggtctg gctgaccgaa ttgtcagaga cgtccaggaa ttcctcgata      120
```

```

accccaagtg gtacactgac agaggcattc cttacagacg tggctacctg ctttatgggc 180
cccttggttg cggaaaagagc agttttatca cagccctggc tggggaactg gagcacagca 240
tctgcctgct gagcctcacg gactccagcc tctctgatga ccgactcaac cacctgctga 300
gcgtggcccc gcagcagagc ctggtactcc tggaggatgt ggatgctgct tttctcagtc 360
gagacttggc tgtggagaac ccagtaaagt accaagg 397

```

```

<210> 874
<211> 156
<212> DNA
<213> Homo sapien

```

```

<400> 874
ccagaagaac actatgccat ggttgcaactg aattttgtgc ctactctagg gcaaacagaa 60
ttacaatcga aggagttcct atctatctgt aaagaagaga acatgaaatt ctggtggcag 120
aagcagcatt ttgaagaaat aaaagggttca ctgcag 156

```

```

<210> 875
<211> 512
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

```

```

<400> 875
ccagcatagc gaaaacttgt ctctactaaa aatacaaaaa ttagtcaggc atggtgggtgc 60
acgtctgtaa taccagcttc tcaggaggct gaggcacgag gatcacttga acccaggagg 120
aggagggtgc agtgagctga gatcatgcca gggcaacaga atgagacttt gtttaaaaaa 180
aaaaaaagtg acttgattta agggaaaaaa tgactggcta tattcagtca gatatggcaa 240
agagtctcaa ggtgttaatg tgaatgatta aggtcttggg gggggtgtcc cctatcagac 300
tacaggtgtt tagaggcaca gaaaaagggtg cagttgggtt cttaatgtga aatgatgaga 360
agcacaactc cagtgtgtct ctttgtgtag aatgtcagca gacacccctc gctagatgtg 420
ctggatcatg ggaaagcatt tccatttgtt aatagattgt tcagaagttt taatttatga 480
tgggtgtggt gggtcatgcc tgtngtccca gc 512

```

```

<210> 876
<211> 199
<212> DNA
<213> Homo sapien

```

```

<400> 876
cctgtgccgg gccccagggc tggcagccac cagctcctct tccaggcatg ggggacaccc 60
tgacaggatc cggaagtctc catttaccca aaaatgcaag agccatgatc agtcatggcg 120
aactgcagg cggtactgag tgaccatgtc cagtccggct ccgtccctcc cacacggggg 180
acaagcttct ccgaggagg
199

```

```

<210> 877
<211> 486
<212> DNA
<213> Homo sapien

```

```

<400> 877

```

cgcggtgtgct	gctcccttct	gccaggagcc	cactgctttt	gcacacaagc	tgcattttgc	60
gcattgactc	aggtcccagt	tgctcttcat	atctccgtga	atgattggag	tgcaaagata	120
ctgttctgag	cgcttcccgt	tttctgaaag	ccatgtctct	caggcatgcc	tcgcttagtt	180
ggcgatgggg	ttggttgact	gttttcgctt	ttttcttctt	ctcttttctt	cttcttcttc	240
tttttttttc	ttttcctttt	ctccccctcc	caacgccact	gacaagaaag	cactaaagat	300
gcaggttggt	cgatcaccct	ataacataag	gaaaagaaca	ggagagggtta	atttgaacgt	360
gtaggctagt	ggtagaggga	gatggaggtc	tggggaaaga	gtctgtcagg	tagacatctc	420
ttttaacatg	tcccagtatt	cggttcacca	gtatctctgc	acctcactac	tacccttcac	480
tccttg						486

<210> 878

<211> 363

<212> DNA

<213> Homo sapien

<400> 878

cctggggccg	ctgacttcag	ggtgaggcca	cagctactgc	agcgcttttt	atttatttat	60
ttactgagat	ggagtcttgc	tctgtcacc	aggctggagt	gcagtgggtgc	aatctcggtc	120
cactgcaacc	tctgcctcct	gggctgcagt	gattctcctg	cgttcaagta	attctcctgc	180
ctcggccttc	tgagtagttg	ggattacagg	catatgccac	cacacttggc	taatttttgt	240
atttttagta	gaaatggggt	ttcaccatgt	tggcgaggct	ggtctcgaac	tcctgacctc	300
aaggatcctc	ctgcctcggc	ctcctaaggt	gctgggattg	cagggtgtgag	ccaccacgtc	360
tgg						363

<210> 879

<211> 365

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(365)

<223> n = A,T,C or G

<400> 879

gcccattgcca	gcgtgtgggtc	agcaacgcaca	acttgtgggt	gctgtccttc	ctgaggagggt	60
ggaatgggag	cacagccatc	acagacgata	ccttgggtgg	cactctcacc	attacgtgc	120
ggaatctaca	accccatgat	gcgggtctct	accagtgcc	gagcctccat	ggcagtgagg	180
ctgacaccct	caggaagggtc	ctggtggagg	tgctggcaga	ccccctggat	caccggaatg	240
ctggagatct	ctgggtcccc	ggggagtctg	agagcttcga	ggatgcccc	atggagcaca	300
gcatctccag	gagcctcttg	gaaggagaaa	tccccctccc	accacttcc	atccttntcc	360
tcctg						365

<210> 880

<211> 431

<212> DNA

<213> Homo sapien

<400> 880

ccatctcccc	tcaccccaac	ctggataaaa	tgttacacta	cccactaata	taaccactga	60
cacacaaacc	aagctccttc	cagtttaaca	ttgaacatca	atctacattt	ccagtgaatg	120
agctaaactt	atgagcaggc	cattcaactt	ttcatgatac	atttagtgct	cagaaatggt	180
tgattccatt	agcctgccct	atagctcagg	tggcccaaga	tggagcctat	catcttccct	240
ggggtgtttg	gtgtttccaa	gtaggagcat	aaaaaggata	ccgtccccca	ccccaccacc	300

ccatcccaca taccctcact ggcattccagg agaccagcag caggctcaag accccaaatg 360
 ttggggcacca caaataatgt gatattgtgcc aggagcacgg ggggtagggg tgaaagagaa 420
 aaacaataag g 431

<210> 881
 <211> 335
 <212> DNA
 <213> Homo sapien

<400> 881
 ccacagaggt ggtattacaa aatatacaaa gtggtttctt tctttacatt tcatagaaga 60
 agcctgcctc atttccaaat gagagcacta gaagcacaaa tcatgcagac catttactat 120
 ataacttatg aaaaatgctg tacagggctg tgactataga tatagagtat ttggctctgt 180
 ttgggaattg atatctacaa gggggagggt caggggagga ctgtctgata tcctgacttg 240
 ctgggatggt ggagaagctg ggatggggga gggcccaatc ttgctgcacg gctacaccca 300
 ctctctcttt cctagataag gctggagcgc actgg 335

<210> 882
 <211> 353
 <212> DNA
 <213> Homo sapien

<400> 882
 atgcactcaa agattggatt ttacagctac ttgcaattca aaattcagaa gaataaaaaa 60
 tgggaacata cagaactcta aaagatagac atcagaaatt gttaagttaa gctttttcaa 120
 aaaatcagca attccccagc gtagtcaagg gtggacactg cacgctctgg catgatggga 180
 tggcgaccgg gcaagctttc ttctctcgaga tgctctgctg cttgagagct attgctttgt 240
 taagatataa aaaggggttt ctttttgtct ttctgtaagg tggacttcca gcttttgatt 300
 gaaagtccta ggggtgattct atttctgctg tgatttatct gctgaaagct cag 353

<210> 883
 <211> 193
 <212> DNA
 <213> Homo sapien

<400> 883
 ctggcagaga agaattggcta cgtgactgtc agtgagatca aagccagtct taaatgggag 60
 accgagcgag cgcggcaagt gccggaacac ctgctgaagg aagggttggc gtggctggac 120
 ttacaggccc caggggaggc ccactactgg ctgccagctc tctcactga cctctactcc 180
 caggagatta cag 193

<210> 884
 <211> 461
 <212> DNA
 <213> Homo sapien

<400> 884
 ctgaagaacc ccatcagcgg gctgttagaa tatgccagct tcgctagtca aacctgtgag 60
 ttcaacatga tagagcagag tggaccaccc catgaacctc ggtaagagac caccaggaa 120
 ctgtacctag ggttgggggc aggtgctttt gctcctgacg cagtcttggc tgatttgtga 180
 gcagtgtgtt ttggtggcgc ctatcttttc ctctctccct tctgctttt agctaaattc 240
 cccttgattg gccctttctc cagatattga gcagggaata tagaccttgg accagccaga 300
 atcttggctg aacaaggggg aggttgactc tgttggctgt aatgaagctt ctttagaaat 360
 gattggtttt ggccgtacgc ggtggctcat gcctgtaatc ccagcacttt ttgaggccga 420

ggcaggcata tcacgaggtc aggagtttga gaccagcctg g

461

<210> 885

<211> 266

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 885

ctgcaatgct	tcancacact	tcagcaccga	ggctgggcat	gaggggtccg	tcaccaccac	60
atcaaatacc	cctaaagcaa	tatctttgtt	atgggcactt	gaatgggtgct	gcttcacaga	120
ggctgcacca	ccagtcata	ggatctcaga	ccagagctcc	aggaaagttct	gctgttggtc	180
tgataccaag	agtaccttca	gattctggaa	aggattttca	cggggttgcc	agtccagaat	240
tctttgctcc	tcaaggctgt	accag				266

<210> 886

<211> 402

<212> DNA

<213> Homo sapien

<400> 886

cgcgtggttt	ccgattgttt	gatagtattt	actggagaga	tcatagaaac	gactgtgaac	60
cgatgtcaca	ccaggaaggt	tgttgagcat	ttcttcaaca	tcttcaattg	tttcctttgt	120
aacctgtagg	tccccgatgt	ttaattttag	agctccaatt	gctgttttac	acaggatcac	180
tgcctcatca	ttacttttca	ccttctcacg	agtcttttcc	agaaaagtaa	gagccacatt	240
aggatcagtc	atctgtctaa	ctacatgaag	aatgatattcc	acgagggaca	aaggggtcac	300
cctgtgttca	aattcactga	taaagttttc	ataaagctta	atgagaccat	ctccttgggc	360
aaagcacgga	tcttgcacaa	aatcaagcac	ctgaagtgtc	ag		402

<210> 887

<211> 342

<212> DNA

<213> Homo sapien

<400> 887

ccaaagcgag	agcattggca	gtgaattgca	gacactcttc	cttggtcatg	ccttcccggg	60
aggtagcatc	aacatagcca	tagatgtagg	agctcccgga	gctccaatg	gcaaaggact	120
gccttaccat	catacccccc	ataggcactg	agtacacctg	ccctccttct	tgaggggtccc	180
agcctgcgat	gatgattccc	gccatcaggt	cttcccggta	tcggtaacac	atctccttaa	240
agaggctggc	tgtgtgtgg	accagtggag	gctcattcag	ttcaatgctg	tggaaaccga	300
gctggtaggt	gacagcatca	gctactgcct	gggtatcagc	ag		342

<210> 888

<211> 228

<212> DNA

<213> Homo sapien

<400> 888

cgcgtcggcc	aaggctgctg	ctgttgctcc	tccaaagaag	gttggcttca	aggccgtgtc	60
cagggaccca	cgagcagagg	cactgggggg	caagggatct	ccaagggggc	aagggatccc	120

09654563.000000